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U.S. Department of Agriculture

SPRING CATALOG 1924

LEGION ROSE
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STATE
NURSERY & SEED CO.
HELENA, MONT.
EST. 1890



PERFECTION RED CURRANT
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THE
KING RASPBERRY
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STATE NURSERY & SEED CO. HELENA, MONT.



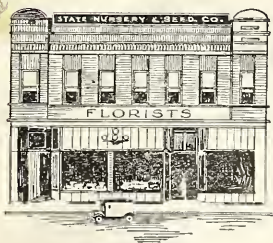
PROGRESSIVE
STRAWBERRY
Everbearing
See Page 48

T. E. MILLS
PRES. AND GENERAL MANAGER

W. E. MILLS
VICE PRESIDENT

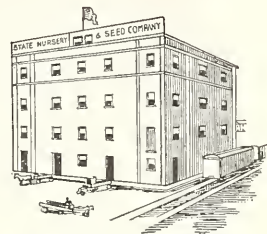
WALTER CARD, SEC'Y.-TREAS.
MANAGER SEED DEPT.

JOSIAH BOWDEN
CASHIER



CITY STORE

STATE NURSERY & SEED CO.
HELENA, MONT.
NURSEYMEN, SEEDSMEN, FLORISTS



WAREHOUSE

Helena, Montana, January 1st, 1924

In presenting our 1924 catalog, we wish to call the attention of our customers and patrons to our unequaled facilities for serving them with the products most suitable for this section.

IN OUR SEED DEPARTMENT—every lot of seed is most carefully tested for Germination and Purity before it is sent out to our customers, under our name and brands. The results are again most carefully checked in our extensive trial grounds, where yearly—nearly one thousand varieties of plant life are grown, to determine their value and adaptability for Montana conditions and growers. These trial grounds, are an invaluable asset—possessed by but few firms. They are one of the greatest educational features of Montana, for the Rancher—Farmer and Gardener, and are always open to inspection by our friends and patrons.

Located as our extensive grounds are, at the very foot of the main range of the great Continental Divide, at an elevation of 4400 feet, conditions are found that are unequaled by any other nursery for the production of hardy nursery stock—trees and shrubs—suitable for our rigorous climate.

The numerous Greenhouses—fifty-five of them—with some 200,000 square feet of glass, are devoted to the growing of plants and cut flowers, which are in their different seasons visited literally by hundreds of plant and flower loving people. In their seasons—Carnations (these alone occupying fourteen large greenhouses requiring nearly 50,000 plants to fill the benches) Roses—Chrysanthemums—Violets and other plants are a wonderful scene of beauty. Then the fields of Hardy Perennial Flowers—great stretches of Peonies—Iris—Phlox and others—are a never ending attraction in their seasons.

The Warehouse is most completely equipped with the most modern machinery obtainable for cleaning and re-cleaning the large quantities of field seeds required to meet the steadily increasing demands made upon us, and also with the latest devices for the grinding and mixing of our Dairy and Poultry feeds, and the demand for these at times taxes our capacity to the limit.

Our city store on Fuller Ave., where our retail seeds, bulbs, cut flowers, poultry supplies, tools and all mail orders are handled, is in charge of a corps of experts in their various lines, whose aid and experience are always available to our customers. Here are located our general offices. Shipments are made not only throughout the northwest—but to nearly every state in the Union, Alaska, Canada, China, Japan, Austrailia, Fiji Islands and even to almost inaccessible Persia.

With these facilities at our command, backed by 34 years of experience in Montana, the results of which are at the service of our patrons, and fully appreciating past favors, we herewith solicit continuance of the same.

Respectfully
STATE NURSERY & SEED CO.

SPRING 1924---THIRTY-FOURTH YEAR

This Issue Cancels all Previous Issues

Suggestions to our Customers in Ordering from this Catalog.

HOW TO SHIP—Write your name, postoffice, state and express office and railroad company plainly preferably with ink on every order, and also when or fyou write us concerning it. Give plain express, mail or freight directions; where none are given, we route goods at buyer's risk.

USE ORDER SHEET—The use of the order sheets enclosed in this catalog are a great help to us in filling and shipping orders. Instructions for use are on the sheets. More will be sent on receipt of a postal asking for same. Flower and Vegetable Seed Orders should planly state quantity before the name of the variety. Plant orders should give quantity, variety and price. **Do not write letters on order sheet.**

KEEP A COPY OF YOUR ORDER and mark off goods as received. Sometimes items may be sold out or will follow later, in which case a slip is enclosed with other goods, or notice sent.

ORDERS ARE PROMPTLY FILLED and as far as practicable, in rotation. All orders not shipped on day of receipt are acknowledged by a postcard giving the number of the order on our files. If you do not hear from an order sent us within a reasonable time, send us a duplicate of it giving date of order, amount of same, form of remittance, and your full name and address. If you will, in case of what appears to you to be an unreasonable delay, give us these items of information in your letter regarding the order, it will aid us greatly and save valuable time in the rush season in tracing the order.

ALWAYS, IF POSSIBLE, when writing in reference to an order, give the number of the order referred to.

MISTAKES—These will happen n spite of all care. Write us at once with a copy of original order if possible, and errors will be promptly rectified. **We do not want you to "keep quiet" if anything is not received as ordered but please be SURE TO COMPARE WITH A COPY OF YOUR ORDER.** We frequently find on looking up the original order that the items compained of as "missing" were never ordered.

OUR TERMS. Personal Checks, Drafts, Postoffice or Express Money Orders can be sent in payment of orders, or stamps for small amounts. If there is no Railroad Agent at your station, freight or express charges should be included.

IMPORTANT—Please notice that the prices given in this catalog **DO NOT** include express, freight or postage, unless especially so stated.

PARCELS POST—Most plants can be sent by parcel post, also the smaller trees and shrubs. Wherever possible we have given postpaid prices. **We cannot, however, be held responsible after delivery to the postoffice or express company. If plants are desired sent by parcel post in pots, extra cost must be allowed by purchaser for packing and postage.**

In Common with all American Seed Houses, We do not warrant, in any way, express or implied, the contents or the description, quantity, productiveness or any other matter of any seeds, bulbs, plants, shrubs or trees sold by us, and will not in any way be responsible for the crop. If the purchaser does not accept these goods on above terms, no sale is made thereof, and he must return them at once, and money will be returned. Subject to above conditions, we sell at the moderate prices herein quoted.

STATE NURSERY AND SEED CO., Incorporated
Helena, Montana

CATALOGS ISSUED

JANUARY—Our complete general catalog, covering everything for the Farm and Garden—profusely illustrated. (This one.)

EASTER—A specal Flower and Plant List, of Plants and Cut Flowers for Easter decorations and remembrance to friends.

MOTHER'S DAY—The second Sunday in May. A special list of Cut Flowers—issued about May 1st.

DECORATION DAY—A special list of Cut Flowers—Wreaths—Plants, etc., for this National Memorial day.

FALL—SEPTEMBER—A catalog of Dutch, French and other bulbs, for fall planting and winter plants for the house.

THANKSGIVING DAY—A special list of Cut Flowers, Plants, etc., for this great national holiday.

CHRISTMAS—A special list of Plants, Cut Flowers, Evergreens, suitable for Xmas decorations, and remembrances of the joyful occasion to your friends.

A postcard will bring you any of these in its season.

TO DEALERS—Special wholesale price lists are issued from time to time as market changes require. Dealers who do not receive these lists will confer a favor by notifying us **ON THEIR BUSINESS LETTER HEAD**—on receipt of which we will place their address on our mailing lists.

PLANT DEPARTMENT

The plants offered in the following pages are the best it is possible to produce for Montana and adjoining territory. Every care is taken to ship out only plants in the best of condition and carefully packed for shipment. Both our growing sections and our packing sheds are in charge of experts in their several lines, and our customers and friends may rest assured that the very best obtainable will be sent forward. The sizes named in plants—such as 3 inch—4 inch, etc—refer to the size of the pot from which the plant referred to is taken. Visitors are always welcomed at the nursery and greenhouses, where courteous attendants will gladly show them the enormous ranges of glass—some 200,000 square feet in 55 greenhouses—where the largest collection of plants in the northwest are grown and cared for.

ABUTILON (Flowering Maple.)

A very desirable free-flowering plant for house culture. Succeeds under usual care and always presents a fresh appearance.



Abutilon

Splendens—A handsome rose color.

Pink Beauty—Pale pink

Savitzi—A variegated foliage Abutilon.

Golden Fleece—Pure yellow.

Crusader—A Brilliant Red

Each,
3-inch, 20c; 4-inch,
25c; 5-inch, 35c.

Each (Postpaid),
3-inch, 25c; 4-inch,
35c; 5-inch, 45c.

AGERATUM

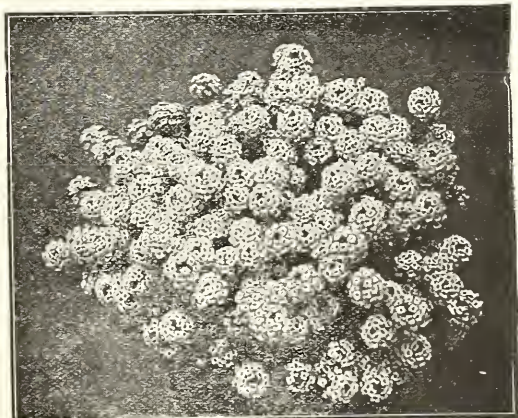
Frazeri—A late introduction and most desirable dwarf border bedding plant with large clusters of beautiful blue flowers.
Each, 15c; doz., \$1.50; postpaid, each 20c; doz., \$1.75.

ALOYSIA (LIPPIA) CITRIODORA.

Lemon Verbena—An old favorite and should be in every garden. Lemon scented foliage.
Each 20c and 30c; postpaid, 30c and 40c.

ALYSSUM.

Little Dorritt—A single Sweet Alyssum, of great value for borders and small beds.
Each10c; doz., \$1.00
Each (Postpaid)15c; doz., \$1.15

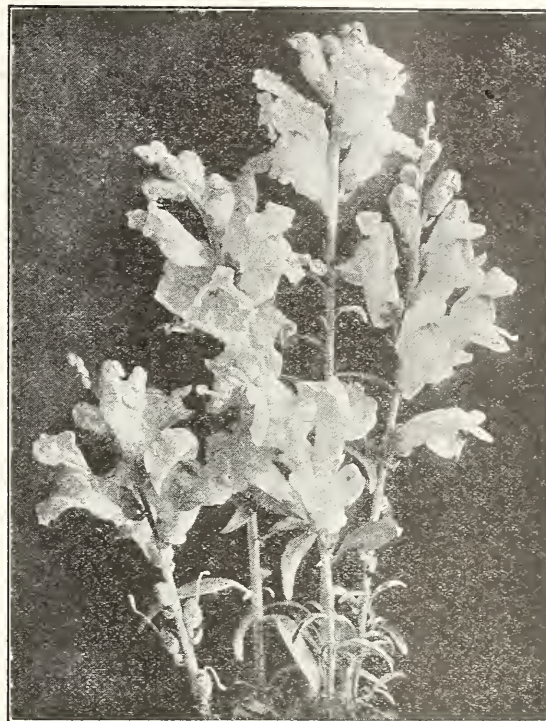


Sweet Alyssum.

Alyssum, Double—An excellent variety for borders, window boxes, and urns.
Each10c; doz., \$1.00
Each (Postpaid)15c; doz., \$1.15

AMARANTHUS (Molten Fire.)

This New Amaranthus is an annual—with bronzy crimson foliage until August, when the color changes to a shade which is found only in an electric furnace. A really gorgeous annual.
Each 20c; Postpaid 25c; per doz., \$2.00; Postpaid \$2.25.



Antirrhinum.

ANTIRRHINUM (Snapdragon)—Latest Introductions.

A very desirable and satisfactory plant for the garden, a very free bloomer and excellent for cutting.

Helen—A salmon pink, one of the best of its shade.

Golden Pink Queen—A most effective shade of pink.

Hybrid Pink—One of the best pink varieties in cultivation.

Yellow Prince—A fine strong grower of splendid habit.
Pot Plants, each20c; doz., \$2.00
Pot Plants, (Postpaid) each25c; doz., \$2.25

Seedlings, transplanted from boxes (mixed) dozen50c
Seedlings, transplanted from boxes, (mixed) postpaid dozen60c

AMARYLLIS (Hybrids).

These favorite Lily like plants are coming into great popularity, the new types being most wonderfully colored. Of most easy house culture. Strong bulbs or plants—each, \$1.00, postpaid \$1.25.

ANTHURIUM ANDREANUM

One of the choicest and easily cultivated exotic plants grown. Its very peculiar flowers never fail to attract attention. Each from \$3.50 and upwards.

ASPIDISTRA.

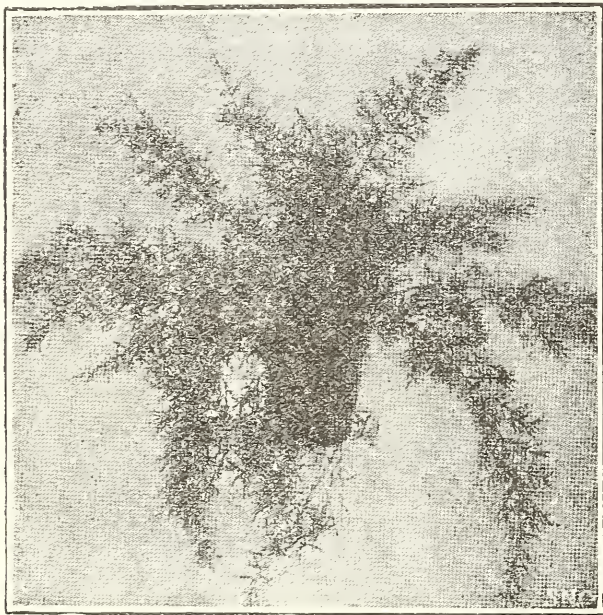
Aspidistra Lurida—One of the most useful decorative plants grown for home decoration, with green foliage. Almost absolutely proof against drouth and dust. Each 10c per leaf. Add 25c to size of plant desired if wanted postpaid.

Aspidistra Lurida Variegata—Same as the preceding variety but with beautifully striped leaves of white and green. Each 15c per leaf. Add 25c to size of plant desired if wanted postpaid.

**ASPARAGUS PLUMOSUS.**

Asparagus Plumosus (Asparagus Fern)—Owing to its graceful foliage and ease of culture, this is perhaps more in demand than any other house plant. We grow these in thousands. The smaller plants listed are the right size for Table Dishes, while the larger are suitable for Jardinieres, etc.

Each from 3 in. pots 25c, postpaid 30c; 4 in. pots 50c, postpaid 60c; 5 in. pots \$1.00, postpaid \$1.25.

**Asparagus Sprengeri.****ASPARAGUS SPRENGERI.**

Of great value for hanging baskets and for cutting. Of very easy culture requiring good soil and free watering. Each from 3 inch pots 25c, postpaid 30c; from 4 inch pots 50c, postpaid 60c; from 5 inch pots \$1.00, postpaid \$1.25.

NOTE—Postpaid prices—where quoted—cover not only actual postage, but the cost of packing, etc., ready for shipment. These prices cannot be deviated from on mail (Parcel Post) shipments.

**Late Branching Aster.****ASTERS.**

Our strains of Asters are unsurpassed by any, and are prize-winners whenever exhibited. Sturdy plants of the early mid-season and late branching varieties. Colors: Pink, Shell-pink, Red, White, Lavender and Purple. Ready May 10. Doz., 50c; (Postpaid)60c

BEGONIAS

Begonias are one of the best known and most popular house plants today. With their magnificent range of colors both in bloom and foliage and many of them of the most floriferous nature even under adverse conditions, it is little wonder that they are in such great demand. Our collection embraces the best varieties known to the trade.

SEMPERVIRENS TYPE (The Newest Introductions)

Schmidt's Ideal—The most perfect semperflorens Begonia, with large scarlet flowers, dwarf habit.

Fire Sea—An exceedingly floriferous variety, with very large dark fiery red flowers, almost covering the plant. The foliage is of a reddish green tint. Of sturdy bushy habit.

Chatelaine Hybrids—Very similar to the well known Chatelaine, with very large flowers of a brilliant rose color.

Queen of the Groups—A very large flowered variety—flowers often reaching nearly two inches across, of a glowing dark rose color. Foliage a bright deep green tinted with a brownish red. A robust grower.

Albert Martin—A well known variety with bronze foliage.

Wuerttembergia—A very large flowered variety of a glowing carmine red color, often reaching two inches in diameter. A strong grower and a splendid pot plant.

GRACILLIS TYPE.

Pink Profusion—A new introduction with slender growth, and small foliage of a light green tinted with brown. Flowers of medium size, borne in wonderful profusion, a single stem often bearing twenty-five blooms and buds, of a rich rose color.

Prima Donna—Another variety of late introduction, very free flowering, with rose colored blooms, shading to a carmine at the centre.

Luminosa—Brilliant dark scarlet, a constant flowering variety.

Mignon—Flowers Scarlet, flushed with salmon, very lasting. Plant of a robust growth.

FOR PRICES SEE NEXT PAGE.

BEGONIAS—Continued.

Erfordii—A well known type, almost always in bloom, easily grown, with glossy green foliage. In white or pink.

Wellingtoniensis—An old variety, which is again becoming in great demand, with beautiful dark green foliage, and pink flowers. A continuous bloomer, of very bushy habit of growth.

Sandersonii—Scarlet, a winter bloomer.

Argenta Guttata—Brilliant bronze green foliage spotted with white and white flowers.

Thurstonii—A great favorite with red veined foliage on under side of leaves. Flowers a bright shell pink.

Metallica—Velvety foliage, rosy white bloom.

Rubra—Deep coral pink flowers, foliage green.

Any of the above varieties, each, 25c, 35c and 50c.

Postpaid, 30c, 40c and 60c.

Glorie de Châtelaine—An acquisition of great merit, with rosy pink flowers, produced in great profusion. A wonderful Xmas Begonia.

Priceeach 25c and 50c
Postpaid35c and 60c

**BEGONIA REX.****Rex or Painted Leaf Begonias.**

The REX or Painted Leaf Begonias, as they are known, are one of the handsomest and showy house plants that can be grown. Their wonderfully colored foliage never fails to awaken admiration, and they are of easy house culture. The varieties listed below are selected from the finest sorts known.

Kaiser Wilhelm—Deep velvety green leaf with darker edge.

Mrs. A. G. Shepard—Silver leaves marked with other pretty shades.

Walter Lamb—Rich green and silvery white.

Louis Closson—A beautiful bronze.

Each, 35c, 50c;Postpaid 45c, 60c

BROWALLIA GRANDIFLORA (Blue).

A very fine and rapid growing plant for hanging baskets and porch boxes. Very free flowering. From 3 in. pots 25c, postpaid 30c; from 4 in. pots 40c, postpaid 50c.

CHRYSANTHEMUMS

Owing to the early frosts of this section, it is impractical to grow these most beautiful of all fall plants to maturity in the open ground. But they can be successfully grown in the garden until September, when they should be lifted and potted. Then in the house, they will give a wealth of bloom and beauty that will more than repay for the slight trouble entailed.

LARGE FLOWERING VARIETIES.

Betsy Ross—A grand, early mid-season white, one of the finest yet introduced.

Wm. Turner—Snow white, of enormous size. One of the largest whites known.

Yellow Wm. Turner—Identical in form and size with White Turner, except in color, which is a bright yellow.

Pink Turner—Identical with the old favorite White Turner excepting in color, a clear bright pink.

Thanksgiving Pink—A late introduction, November flowering, of a deep shade of lavender pink.

Richmond—Bright golden yellow.

**Type of Large Flowering Varieties.**

Tiger—A yellow of unusually fine color. This variety was named by President Wilson.

Oconto—A beautiful white.

Comoletta—A well known early commercial yellow.

Chieftain—A large incurved pink. A handsome flower.

Golden Glow—A pretty golden shade, flowers from six to eight inches across. October.

Chadwick—Christmas flowering; white tinged with pink.

Golden Chadwick—Lovely Golden yellow; Christmas flowering.

Maj. Bonnaffon—A beautiful incurved glossy yellow. One of the best.

White Chieftain—Large incurved white. November.

Chrysolora—A large incurved, yellow; strong and robust.

Chas. Bager—A fine large white, splendid stem and foliage.

Pattie—A very delicate pleasing shade of pink.

Siedewitz—Another favorite with the commercial grower; large pink.

**Single Chrysanthemums.****FOR PRICES SEE NEXT PAGE.**

CHRYSANTHEMUMS—Continued.**FANCY SINGLE VARIETIES.**

These fill a unique position in that they come between the larger standard varieties and the pompons.

Emilie—A soft rose pink and lasts well.

Mensa—Purest white; a splendid variety.

Golden Mensa—New and proving popular.

W. Buckingham—A grand vigorous pink.

POMPON CHRYSANTHEMUMS.

Small flowering and valuable for cutting. Make dainty and picturesque house plants, the masses of bloom being pink, white, yellow and bronze.

Sunshine—A beautiful yellow of dwarf habit. New.

Elva—Choicest white pompon.

Acto—Bright rose.

Mrs. Frank Beu—The favorite of all the Pompons. Color a red-dish yellow.

Lillian Doty—Large pink, a splendid sort.

Trisker—A late introduction, flowering in October and November, Rich yellow.

**EARLY FLOWERING POMPONS.
(Especially Adapted for Pot Plants.)**

Kathleen Thompson—Crimson.

Source d'Orr—Orange, shaded gold.

Butler's Caprice—Rosy pink.

White Cap—Pure white.

Yellow Cap—Pure Yellow.

Lizzie Adcock—Deep yellow.

Prices for Chrysanthemums—Plants ready March to July only:

Each 15c; doz., \$1.50
Each (Postpaid) 20c; doz., \$1.65

CANARYBIRD VINE

The demand for this lovely climber is always a large one owing to its great suitability for porches and trellises. Most persons prefer plants well started to the uncertainty of seeds planted out of doors.

Each 10c; doz., \$1.00
Each (Postpaid) 15c; doz., \$1.15

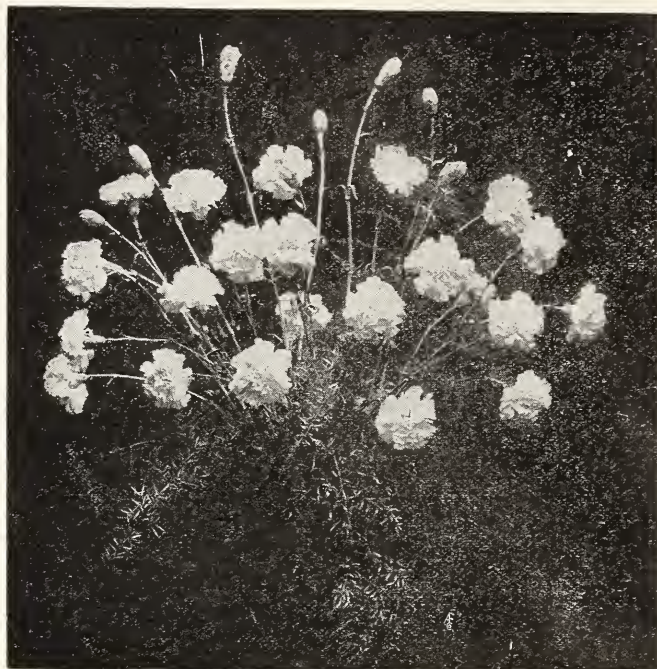
CRAB CACTUS (Epiphyllum)

Zygocactus Truncatus.

This favorite flowering Cactus is again claiming a great deal of attention, and we are able to offer our customers a splendid lot of plants. It is most easily grown, is a profuse bloomer, with long truncated pink flowers. It is generally in flower about Christmas—hence its common name in some sections of "Christmas Cactus." Each from 3 inch pots 25c, postpaid 35c.

CINERARIA

Cineraria Hybrida Grandiflora—(New)—A magnificent new strain of this beautiful plant—in rich colorings, and of stately habit. Blooming plants from December to March, each 50c and 75c. Postpaid 75c and \$1.00.

CARNATIONS

Carnations are today the most popular flower grown in this country and are more in demand for cut flowers than any other. Something of the enormous demand for these flowers may be gathered by our readers when it is realized that we devote one entire range of glass—requiring about 50,000 plants to fill the beds, to the production of this flower alone, to supply the wants of our customers. The following list comprises the cream of these fragrant flowers. **The young plants can only be supplied from March to July 15th.**

NEW VARIETIES.

Winsome—A new introduction this season, of a rich bright pink, very large blooms borne on strong stiff stems. The introducers claim for this variety a greater popularity than that of any other carnation introduced in many years.

Alice—A beautiful shade of clear blush pink; flowers when fully developed 3 to 3½ inches.

Harvester—A comparatively late introduction, with flowers of good substance and very floriferous.

Whatcheer—Another new variety, of deep pink, and is proving to be a splendid cut flower variety.

Maine Sunshine—This is really good yellow variety, of a rich deep lemon yellow, and bearing large well shaped flowers. A real improvement in this unusual shade of carnation.

The above five varieties each 35c, postpaid 40c; the collection of five varieties \$1.50, postpaid \$1.75.

Laddie—This is a wonderful variety, of a beautiful shade of pink, and has taken all who have been privileged to see it, by storm. The flowers are unusually large, and borne on long, strong stems. Each 35c, postpaid.

CARNATIONS—White.

Matchless—Well named The Matchless White. Flowers extra large and wonderfully fragrant.

White Wonder—A great favorite with the commercial grower, with large flowers and a very free bloomer. Each, 20c, postpaid 25c; doz. \$2.00, postpaid \$2.25.

CARNATIONS—Scarlet.

Red Matchless—A splendid new red Carnation, equal in beauty, form and size to the well known White Matchless.

Beacon—One of the best scarlet Carnations we know of.

Belle Washburn—A beautiful brilliant red.

Edna—New—A beautiful red Carnation of splendid substance. Each 20c, postpaid 25c; doz. \$2.00, postpaid \$2.25.

CARNATIONS—Pink.

Peerless Pink—A splendid well shaped large flower, very free flowering, of a very deep pink color.

Mrs. C. W. Ward—Deep pink.

Enchantress Supreme—Salmon pink.

Superb—A handsome salmon pink. Very large and free flowering.

Mrs. C. W. Ward—Variegated—Another beautifully variegated variety, most attractively blotched and striped with a deep pink on white ground.

Benora—Variegated variety, white, marked with red, long, stiff, erect stems, with large blossoms. Each 20c, postpaid 25c; doz. \$2.00, postpaid \$2.25.

CANNAS



Bed of Cannas—Yard of C. B. Power Esq., Helena, Mont.

These wonderful plants, while semi-tropical both in effect and nature, can nevertheless be grown in most sections of Montana. Do not attempt to get their beauty by planting the roots in the open ground. Secure started plants in good growth from the greenhouse, and plant when safe from frost, thus gaining additional time for their growth. Give them plenty of well rotted manure and water, with a sunny exposure and they will make the best semi-tropical showing of any summer plant for this state. Take them up immediately frost cuts back the tops and treat same as Dahlias.

The President—A rich scarlet flower with green foliage. One of the best reds yet introduced.

Duke of Marlborough—3 feet, green foliage, flowers a bright crimson maroon.

King Humbert—The best of the bronze leaved type—with scarlet flowers and beautiful rich bronze foliage.

Madam Crozy—One and a half to two feet, with scarlet and yellow flowers and green foliage. One of the very best dwarf types.

Yellow King Humbert—3 feet, flowers a golden yellow spotted with red and green foliage.

Any of the above varieties each, 25c, postpaid 35c; per doz. \$2.50; doz., postpaid, \$2.75.

COLEUS



Xmas Gem.

Christmas Gem—A beautiful variety with red and maroon colored foliage and producing enormous leaves, often 5 to 7 inches in length. It attains its full beauty in winter—thus differing from other varieties.

Each 25c, 50c and \$1.00
Postpaid each 35c, 60c and \$1.20

Trailing Queen—A beautiful trailing variety, highly colored and very suitable variety for hanging baskets.

Each, 15c; postpaid 20c
Larger plants, each 25c; postpaid 35c

Fancy Varieties—Collection of 6 varieties in beautiful shades of crimson, velvety maroon and yellow.

Collections of 6, 75c; postpaid 90c

CREEPING CHARLIE.

(*Linaria*, *Kenilworth Ivy*.)

A beautiful creeper suitable for baskets, vases, trailing around the window or rock work.

Each 10c; postpaid, 15c

CUPHEA IGNEA (*Platycentra*).

(*Cigar Plant*.)

Plant is covered with bright scarlet flowers and makes a very attractive house plant. The plants are useful for vases or basket decorations.

Each 20c; doz., \$2.00
Each (Postpaid) 25c; doz., \$2.25



CYCLAMEN

Cyclamen are the finest and most satisfactory winter blooming plants grown. They possess great beauty of both foliage and flower, and are of the most easy culture. They are in bloom from fall until early spring, and for winter gifts are unequaled. We can supply plants in bloom from November to March 1st. We really have a wonderful strain of these justly favorite winter flowering plants, one that has been selected with the greatest care for several years, and only the very finest and most free flowering plants we can produce are selected as worthy for growing our seed. The foliage also is beautifully variegated. We can supply these wonderful plants in bloom at \$1.00, postpaid \$1.25; \$2.00, postpaid \$2.35; \$3.00, postpaid \$3.35; \$4.00, postpaid \$4.35; and \$5.00 each. Larger specimen plants can be furnished if desired at \$7.00 and \$10.00 each. Any of the larger sizes of these are better shipped by express wherever possible. If they are desired sent by parcel post IN POTS—add 50c each to above prices to cover actual cost of extra packing and postage required. We can supply dormant bulbs of these from March to July 1st only, at 25c each, postpaid 30c.

CYPERUS ALTERNIFOLIUS (*Umbrella Palm*)

An unusually fine plant for decorative purposes of extremely easy culture. Requires plenty of water and may be grown as a semi-aquatic. A splendid plant for aquariums.

Each 25c and 50c
Postpaid 30c and 60c

DAHLIAS

The following list of these wonderful garden flowers comprises the finest selections that are to be procured. Many of them are the latest introductions by the expert specialists on this favorite flower.



A Bouquet of Dahlias.

In supplying these plants—we are in many cases unable to supply bulbs of some varieties, especially in the newer varieties. In this case, we reserve the right to send young plants—from 4 inch pots. These will always be sent later in the season than the dormant bulbs. These young plants are preferred by many experts on Dahlias to bulbs.

Our Dahlia fields are becoming a source of wonder and delight to hundreds of visitors—each summer and fall. They present a display of gorgeous color seldom seen, and once seen rarely fail to make Dahlia enthusiasts of the visitors.

CULTURE.

Plant in a well drained position and where they will receive the greatest amount of sunshine. They require plenty of fertilizer added to the soil before planting. Well decayed manure is very satisfactory as a fertilizer. Do not set out plant until all danger of frost is over. This should be specially noted in the case of potted plants. Dahlias should be lifted immediately after the first killing frost and stored in a cool place over winter.



Dahlia—Elsie Burgess—(Decorative Type.)

DAHLIAS--SHOW AND DECORATIVE TYPES

Elsie Burgess—One of the finest varieties grown. The flowers which are borne in the greatest profusion, are of a white ground, suffused and tipped with bright lavender, and carried on long stiff stems. Each 35c; postpaid 40c.

C. W. Brutton—A large and very fine bright yellow recognized as one of the best yellow Dahlias in cultivation. Decorative type. Each 35c; postpaid 40c.

Mina Burgle—This grand Dahlia is clear deep scarlet in color, a veritable ball of fire. We cannot recommend it too highly. It is much used by the florists as a cut flower, keeping well after being cut, and harmonizing well with any other flower. Each 35c; postpaid 40c.

Le Grand Manitou—A gigantic flower of white, striped and splashed with reddish violet. The largest decorative Dahlia. Each 40c; postpaid 45c.

Dorothy Peacock—Clear, live pink. Each 35c; postpaid 40c.

Glorie De Guiscard—A combination of orange, red, yellow, pink and white. Very novel. Each 35c; postpaid 40c.

Norma—Bright orange, free flowering. Each 35c; postpaid 40c.

Oban—A fine mauve. Each 35c; postpaid 40c.

Storm King—White; one of the best. Each 35c; postpaid 40c.

Le Phare—Rich red. Each 35c; postpaid 40c.

Delice—Bright pink, suffused with lavender pink. Each 35c; postpaid 40c.

Reggie—Cherry red, very large flowers. Each 35c; postpaid 40c.

Capt. of Maroon—The leader in its color. Each 35c; postpaid 40c.

Jack Rose—The best red of all. Each 35c; postpaid 40c.

Meteor—Deep red, fine form. Each 35c; postpaid 40c.

Maid of Kent—Cherry red, tipped with white. Each 35c; postpaid 40c.

Lucy Fawcett—Pale yellow, striped with pink. Each 35c; postpaid 40c.

Mrs. Dexter—Large orange red. Each 35c; postpaid 40c.

Souvenir de Gustav Douzon—One of the largest Dahlias grown. Specimen flowers of this variety have been produced measuring 9 in. in diameter. Orange red in color, and of perfect form. Each 35c; postpaid 40c.

Mrs. Winters—A favorite white. Each 35c; postpaid 40c. Any of the above varieties \$3.50 per doz. postpaid \$4.00.

Madonna—A new large white, with delicate shading of lavender pink. Long stemmed. A fine cut flower variety. Each 50c; postpaid 55c.

Mrs. Ella Cline—Beautiful glistening pure white, with good stems. New. Each 50c; postpaid 55c.

Queen Mary—Soft rose pink with a silvery sheen. New. One of the best for cut flowers, with long stems. Each 50c; postpaid 55c.

Yellow Duke—A new primrose yellow of large size. Each 50c; postpaid 55c.

Stradella—Rich deep purple crimson. Very free flowering with long stems. New. Each 50c; postpaid 55c.

Vivian—White, edged with rose-violet, wonderfully effective. One of the largest and finest new varieties yet introduced. Each 50c; postpaid 55c.

Any of the last named seven varieties per doz. \$5.00; postpaid \$5.50 per doz.

PEONY FLOWERED DAHLIAS

This beautiful type has large artistic flowers, best compared to the semi-double peonies in general form. They flower very freely and are borne on long strong stems, making excellent material for cutting and delightfully fragrant.



Glory of Baarn—Soft pink. Each 35c; postpaid 40c.

La Bainte—Charming lavender pink. Each 35c; postpaid 40c.

Phenomena—Rosy salmon shaded yellow. Each 35c; postpaid 40c.

Queen Emma—Pink, inner petals banded with gold. Each 35c; postpaid 40c.

Phenomena—Peony Flowered Type.

DAHLIAS—Peony Flowered—Continued.

Bessie Seabury—White, daintily overlaid with a delicate pink. New. Each 50c; postpaid 55c.

Ellen E. Kelly—A new long stemmed free flowering golden yellow. Each 50c; postpaid 55c.

Hartulanus Budde—Scarlet red. New. Each 50c; postpaid 55c.

Latonia—New. A rich buff yellow. Each 50c; postpaid 55c.

Mrs. Bowen Tufts—New. A gigantic deep rosy purple, the best purple Peony Dahlia. Each 50c; postpaid 55c.

Salvator—Deep rose pink, of rather dwarf habit with long stems. A high standard novelty. Each 50c; postpaid 55c.

Virginia Marshall—Dainty primrose yellow with long petals. Each 50c; postpaid 55c.

CACTUS DAHLIAS

These are of a lighter formation and much used for cut flowers. The peculiar open formation of the Cactus Dahlias lend themselves wonderfully well to combinations, when used as cut flowers.

Mrs. W. H. Baby—Cream white, large. Each 35c; postpaid 40c.

Spitfire—A fiery scarlet. Each 35c; postpaid 40c.

Shooting Star—Pure yellow with very fine form. Each 35c; postpaid 40c.

J. H. Jackson—The best Cactus Dahlia yet out; almost black. Each 35c; postpaid 40c.

Thos. Abelin—A brilliant fiery red; a fine, large, refined flower of perfect incurved form; produced in the greatest profusion on long, stiff stems. A fine cut flower. Each 35c; postpaid 40c.

Earl of Pembroke—Bright plum color. Very fine. Each 35c; postpaid 40c.

Harbor Light—A cactus Dahlia of rich orange red. Overlaid with flame color. Each 35c, postpaid 40c.



SPARKLER—Cactus Type.

H. P. Robinson—Clear golden yellow. Each 35c; postpaid 40c.

Iceberg—Ivory white. Each 35c; postpaid 40c.

Alight—Rich orange scarlet. Each 35c; postpaid 40c.

Schneekoenigin—(Snow Queen)—Pure glistening white, with most perfectly arranged petals. A very valuable variety for cut flowers. Each 35c; postpaid 40c.

Sparkler—A Brilliant deep scarlet. Each 35c; postpaid 40c.

Any of the above varieties \$3.50 per doz.; postpaid \$4.00 per doz.

Attraction—New. Large elegant flowers of clear lilac rose. One of the best for cut flower purposes. Each 50c; postpaid 55c.

Bianca—New. A delicate pink lavender, blooms carried erect on strong stems. Each 50c; postpaid 55c.

W. B. Childs—Blackish Maroon with purple shadings. One of the very best, Each 50c; postpaid 55c.

Perle de Lyon—A new pure white exhibition variety of great value, with fringed petals, giving it a most unique appearance. Each 50c; postpaid 55c.

Nantwich—A beautiful golden orange, somewhat deeper in the center, with incurved petals. Flowers borne on long strong stems. New. Each 50c; postpaid 55c.

Any of the above 5 varieties, per doz. \$5.00; postpaid per doz. \$5.50.



CBAN—Decorative Type.

POMPON DAHLIAS.

The Pompon Dahlias are small flowered Dahlias, usually of the Show Type of flower, and are exceedingly floriferous. They are generally borne on long strong stems, and are splendid subjects for cut flower purposes, lending themselves admirably to almost any arrangement. Every flower lover who wants cut flowers should have some of these in their garden collection.

Bobby—Plum color. One of the best. Each 50c; postpaid 55c.

Catherine—Bright Yellow. Each 50c; postpaid 55c.

Darksome—Deep wine crimson, almost maroon, flowers borne on long graceful stems. Each 50c; postpaid 55c.

Pride—Very deep crimson scarlet. A model of perfection in shape. Each 50c; postpaid 55c.

Snow Glad—A small pure white of great beauty. Each 50c; postpaid 55c.

Little Jennie—A small light pink. Very handsome. Each 50c; postpaid 55c.

SINGLE DAHLIAS.

The single form of Dahlias have in the past few years, attracted a great number of admirers, and deservedly so. Their wonderful coloring, oftentimes contrasting gorgeously with their yellow stamens, combined with a very free flowering habit, render them very attractive subjects in any garden.

Empress—A lovely shade of rose-pink, very large and beautiful. Each 50c; postpaid 55c.

Glowing Gem—A splendid flower of rich deep crimson. Each 50c; postpaid 55c.

Helvetia—Pure white, each petal edged or bordered with a brilliant rich scarlet red. Each 50c; postpaid 55c.

Imperiliana—Beautiful deep clear pink. A gem among the giant singles. Each 50c; postpaid 55c.

Utopian—Clear purple, the finest of its color yet introduced. Each 50c; postpaid 55c.

Marie Antoinette—Pure white with center of each petal heavily splashed with brilliant velvety crimson. Flowers large and borne on stems from 18 to 24 inches long. Each 50c; postpaid 55c.

St. George—Clear yellow, very free flowering. Each 50c; postpaid 55c.

Any of the above Pompon or Single Varieties \$5.00 per doz.; postpaid \$5.50 per doz.

Collections of Dahlias—Our Selection Only

12 Show or Decorative Dahlias, \$3.00; postpaid \$3.50.

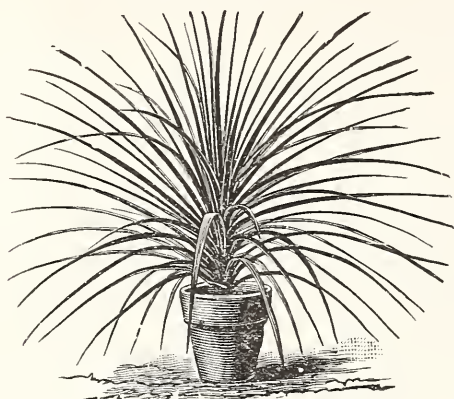
12 Peony Flowered Dahlias, \$4.00; postpaid \$4.50.

12 Cactus Dahlias, \$4.00; postpaid \$4.50.

6 Pompon Dahlias, \$2.50; postpaid \$2.75.

6 Single Dahlias, \$2.50; postpaid \$2.75.

DRACENAS

**Dracena Indivisia.**

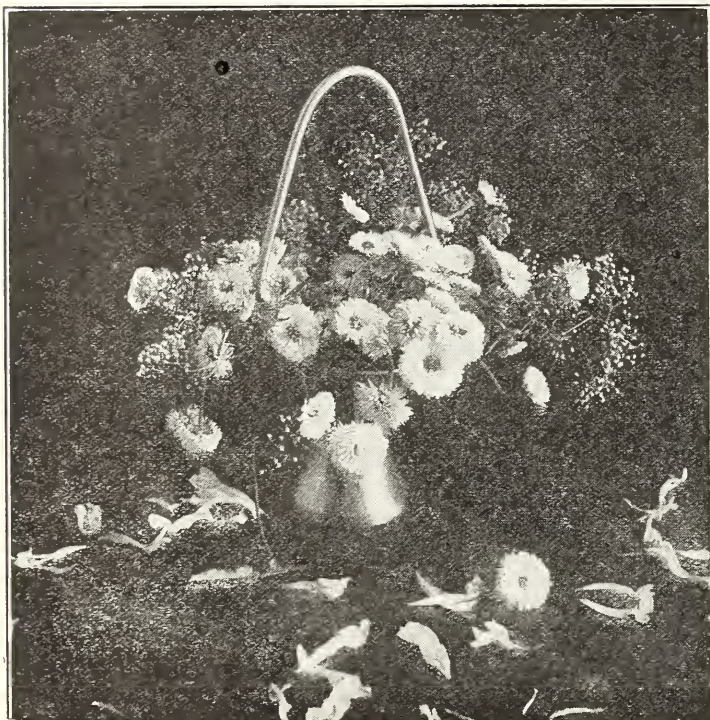
Dracena—Indivisia—Tropical looking foliage and extensively used in outdoor vases or on porch. Each 25c, 50c, \$1.00; postpaid 35c, 65c, and \$1.25.

Dracena—Wolsley—Large deep bronze and red broad foliage. An ideal house plant, especially for winter decoration. Each \$2.00; postpaid \$2.25.

Dracena—Terminalis—Similar to the above variety with narrower foliage. Each \$2.00; postpaid \$2.25.

DAISIES

Bellis Perennis—English Daisy.

**DAISIES.**

Like Pansies—the Daisies for beds or borders in the garden or cemetery are very much in demand. Blooming plants in pink or white ready May 1st.

Dozen	60c
Dozen (Postpaid)	75c

HARDY FERNS

We can supply these—Native Ferns—in good plants at 50c, 75c and \$1.00 each. Postpaid. These are splendid plants for a shady place—or nook or rockwork, where they do not receive too much strong sunlight, and are assured of sufficient moisture in the growing season. The plants we offer are gathered from the slopes of the Great Divide of the Rocky Mountains.

FERNS

**Adiantum Cuneatum.**

Adiantum Cuneatum—The True Maiden Hair Fern. One of the handsomest Ferns in existence, and well known from its great use in bridal bouquets. Each 25c and 50c; postpaid 30c and 60c. Larger plants from 5 in. pots \$1.00, postpaid \$1.25; from 6 in. pots \$1.50, postpaid \$2.00.

Adiantum Concium—One of the strongest and largest of the Maiden Hair family. Splendid habit. Each from 2½ inch pots 25c; postpaid 35c; from 3 inch pots 35c; postpaid 45c.

Aspidium Tussimense—A great favorite for Fern Dishes, and one of the best. Each 20c, postpaid 25c; and 35c, postpaid 45c.

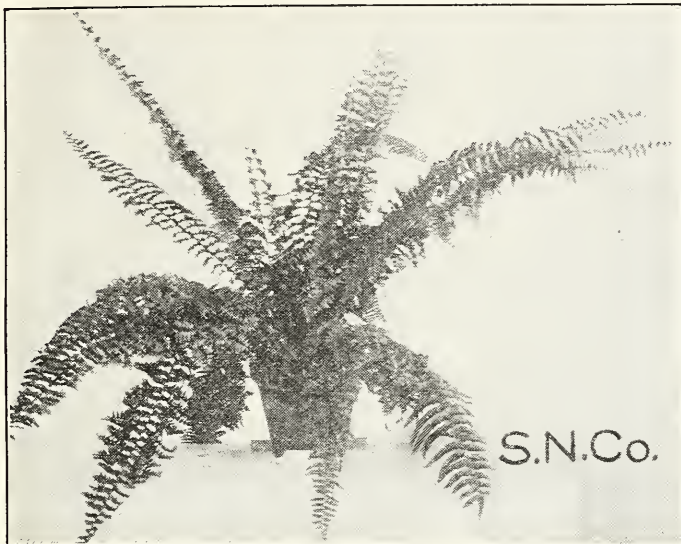
**Nephrolepis Elegatissima.**

Nephrolepis Elegatissima (The Tarrytown)—Another fancy Basket and a very valuable addition where fine foliage is desired.

Each	25c, 35c, 75c, \$1.50 and \$2.50
Postpaid	30c, 45c, 85c, \$1.75 and \$2.75

The \$2.50 size are best shipped by express.

FERNS—Continued.



Boston Fern.

Nephrolepis Bostoniensis—(Boston Fern)—This is the general favorite with all lovers of house Ferns. More plants of this have been sold than of any other one variety, and the demand is still increasing. To meet the constant demand for plants suitable for presentation to friends, we have a "SPECIAL" in this type.

Each25c, 35c, 50c, 75c, \$1.00, \$1.50
 Postpaid35c, 45c, 60c, 85c, \$1.20, \$1.75
 SPECIAL for presents, each,\$2.50 to \$4.00

Nephrolepis Whitmani—(Ostrich Plume Fern)—Unquestionably a valuable Fern of its type. They are graceful beyond description, feathery, plummy and nothing describes them better than Ostrich Plume. Each 35c, 75c, \$1.50 and \$2.50. Each, postpaid, 40c, 85c, \$1.75 and \$2.75.

Nephrolepis Norwood—A new plumed type, very handsome, of a compact and symmetrical habit of growth. This beautiful fern is destined to become one of the most popular of the plumed forms originating from the well known Boston Fern, and is of easy house culture. A vigorous healthy grower. Each, from 4 inch pots, \$1.00; from 5 inch pots, \$1.50. If desired by parcel post add 25c to above prices.

Nephrolepis Verona—(New)—Very Similar to N. NORWOOD— with the fronds and pinnae more finely imbricated. A valuable variety for indoor decoration. From 4 inch pots \$1.00 each; from 5 inch pots \$1.50 each. If desired by parcel post add 25c to above prices.



Pteris Tremula.

Pteris Tremula—Commonly called "Lace Fern." This is one of the best known of the family, and the strongest grower, the fronds on a well developed specimen often attaining a length of three feet, of a brilliant shade of green. Succeeds well everywhere as a house plant. Each from 2½ inch pots 30c; postpaid 40c; from 3 inch pots 40c, postpaid 50c; from 5 inch pots \$1.00, postpaid \$1.25; from 6 inch pots \$1.50, postpaid \$2.00.

Pteris Argyrea—The Pteris are among the easiest grown house ferns, and the wonderful range of variegated foliage and form render them invaluable. Pteris Argyrea is of a dwarf habit with fronds prettily decorated with white. From 4 inch pots each \$1.00; from 5 inch pots each \$1.50. If wanted by parcel post add 25c to above prices.

Pteris Victoriae—This is considered by many to be the handsomest of the Pteris. The fronds are rich deep green. It is a vigorous and healthy grower. Each from 4 inch pots \$1.00; from 5 inch pots \$1.50. If wanted by parcel post add 25c to above prices.

Pteris Hastata—A very unique and pretty variety of this popular fern family. Each from 3 inch pots 35c, postpaid 45c; from 4 inch pots \$1.00, postpaid \$1.25; from 5 inch pots \$1.50, postpaid \$2.00.

Pteris Multiceps—One of the most strikingly variegated forms of the Pteris family. Each from 4 inch pots \$1.00; from 5 inch pots \$1.50. If wanted by parcel post add 25c to above prices.

Pteris Alexandrae—A very handsome variegated Pteris, of dwarf habit. From 2 inch pots 25c; postpaid 30c; from 3 inch pots 35c, postpaid 45c; from 4 inch pots \$1.00, postpaid \$1.25; from 5 inch pots \$1.50, postpaid \$2.00.

Pteris Rivertoniana—A very distinct and valuable type of crested Pteris. From 2 inch pots 25c; postpaid 35c; from 3 inch pots 35c, postpaid 45c; from 4 inch pots \$1.00, postpaid \$1.25; from 5 inch pots \$1.50, postpaid \$2.00.

Pteris Wilsonii—A beautiful variety of dwarf habit, bearing crested fronds. Very compact in growth. From 3 inch pots 35c, postpaid 45c; from 4 inch pots \$1.00, postpaid \$1.25; from 5 inch pots \$1.50, postpaid \$2.00.

Pteris Mayii—A peculiar variegated dwarf type with large pinnae and green foliage. From 3 inch pots 35c, postpaid 45c; from 4 inch pots \$1.00, postpaid \$1.25; from 5 in. pots \$1.50, postpaid \$2.00.

Pteris Wimsettii—A very pretty green foliaged and crested Pteris. From 3 inch pots 35c, postpaid 45c; from 4 inch pots \$1.00, postpaid \$1.25; from 5 inch pots \$1.50, postpaid \$2.00.



Cyrtomium Falcatum—(Holly Fern.)

Cyrtomium Falcatum—The popular Holly Fern. Very suitable for Fern Dishes and makes a perfect specimen plant. The leaves are thick and a beautiful holly-green color.

Each20c, 35c, 75c, \$1.50
 Each (Postpaid)25c, 45c, 90c, \$1.75

FERNS—Continued next page.

FERNS—Continued.

Crytium Rockfordianum—The Improved Holly Fern. The leaves are pointed and notched, resembling very closely the Holly leaves. A splendid fern for the house.
Each25c, 35c, 75c and \$1.50
Each postpaid30c, 45c, 90c and \$1.75

Polypodium Aureum—(Rabbits Foot Fern)—An old favorite, of very easy culture, tall growing and very graceful.
Each, 50c; postpaid65c
The larger sizes by express only.....\$1.00 and \$2.00

Asparagus Plumosa—Commonly called "The Asparagus Fern." is too well known to need description. Each from 3 in pots 25c, postpaid 30c; from 4 inch pots 50c, postpaid 60c; from 5 inch pots \$1.00, postpaid \$1.25.

Asparagus Sprengeri—Very graceful, showy and well adapted for hanging baskets. Each from 3 inch pots 25c, postpaid 30c; from 4 inch pots 50c, postpaid 60c; from 5 inch pots \$1.00, postpaid \$1.25.

Table or Fern Dish Ferns.

The following list comprises some of the best varieties known for table or fern dish decoration purposes.

Aspidium Tussimense—A general favorite—and one of the very best. Green foliage.

Pteris Alexandrae—A handsome variegated dwarf Pteris.

Pteris Wilsonii—Another pretty and peculiar formed green foliaged Pteris.

Pteris Rivertoniana—One of the most desirable forms of the crested type, with green foliage.

Pteris Mayii—A peculiar dwarf type with large pinnae and green foliage.

Any of the above varieties from 2½ inch pots 25c each, postpaid.

FERN DISHES—FILLED

Prices according to size of dish and number of Ferns used. Usually from 75c to \$1.50. We also carry a complete stock of Fern Dishes, each \$1.00, \$3.00 \$5.00, \$7.50. By express only.

FORGET-ME-NOT

(*Mysostis Palustris*.)

This is an improved strain of this old favorite, and wonderfully free flowering.

Each15c; doz., \$1.50
Postpaid, each20c; doz., \$1.65



FUCHSIA—Black Prince.

FUCHSIAS

A favorite with our grandmothers and a favorite still. With their wonderful combinations of color and free flowering proclivities they are also of very easy culture and may be depended upon to bloom all summer. The following named varieties are the best known to the trade.

**FUCHSIA—Trailing Queen.**

Trailing Queen—A handsome trailing type exceedingly floriferous with purple corolla and flesh colored tube and sepals. A most effective plant for hanging baskets and window boxes.

Black Prince—Red, single.

Chas. Blanc—Deep red and rose, single.

Lustre—White and scarlet, single.

Mrs. E. G. Hill—White and red.

Trophee—Double purple corolla, crimson tube and sepals.

Little Beauty—Beautiful red sepals with purple corolla, single.

Lord Byron—Single variety, superb shades of red and deep purple.

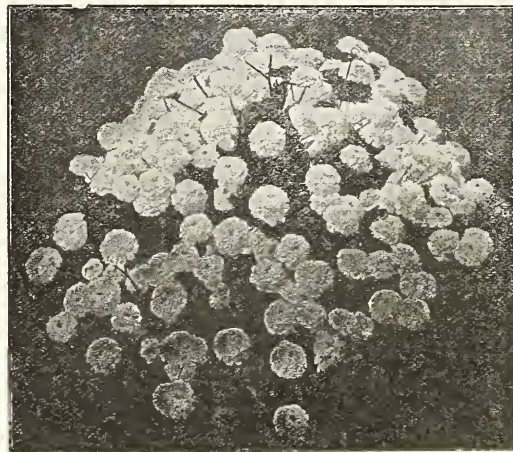
Turner—Very red sepals with light purple corolla.

Speciosa—Single, with pink sepals and red corolla.

Each, 20c; postpaid30c

Doz., (Postpaid)\$2.75

Larger Plants,35c and 50c

FEVERFEW

(*Matricaria*.)

Another old favorite, blooming continuously through the summer and fall, with double white flowers, very freely produced.

Each15c; doz., \$1.50

Postpaid20c; doz., \$1.75



FICUS--Rubber Plant

Ficus Elastica—The well known and justly favorite Rubber plant. This is perhaps one of the most easily grown and tropical appearing plants that can be secured for house culture.

Each75c and \$1.50

Ficus Pandurata—Commonly called "the Fiddle Rubber." Similar to *F. Elastica*, excepting that the leaves are much larger, deeply veined, and shaped somewhat like a violin. Each \$1.50 and upwards. Add 25c to above price if wanted by parcel post.

Ficus Repens—A climbing variety with very small foliage, particularly useful to all having a small greenhouse, or conservatory, where it will cover any bare wall with its bright green foliage in a very few months. Each 35c; postpaid 45c.



House of Boston Ferns.



One of Our Many Geranium Houses.

GERANIUMS

The following list of these popular plants both for house use and bedding purposes will be found to contain only the best and most desirable varieties known. We are constantly testing and trying out new varieties, and only when we have proved them suitable for this section do we add them to our list.

STANDARD VARIETIES.

(Double.)

Helen Michell—An introduction of great merit. It is a semi-double, of a clear scarlet color, with very large florets and truss. Foliage a lustrous green, of a bushy compact habit of growth. Very early and free bloomer.

Alphonse Ricard—Light Scarlet.

E. H. Trego—Beautiful dazzling scarlet.

Beautie Poitevine—Salmon pink, the best of its color.

La Favorite—White, one of the best.

Louis Madeline—A deep pleasing rose color.

Marquis de Castellaine—Crimson, with immense trusses of bloom.

M. Jules Dispot—Combination of red, violet and lilac, quite dark.

S. A. Nutt—Dark crimson, the best bedder of all. A great demand for this every year.

Jean Viaud—Grand pink bedder.

Madonna—Snow white, good bedder.

M. Paul Blondeau—Bright rose, very large flower.

SINGLE VARIETIES.

Col. Gillan—Bright scarlet maroon, markings very brilliant.

Gen. Wolseley—Rosy scarlet, showy and effective.

Mme. L. Moyot—White center, vermillion border.

Mme. F. Morlan—Rosy salmon, free bloomer.

Michele Savery—Salmon pink, shading to white.

Sentinel—Dark crimson, round flowers.

Scaramouche—Salmon, shading to white at top of petals.

Vera Oaliansesk—White, clear, round, perfect flowers.

Yvette Frost—Rosy pink, fine for cutting or window boxes.

Prices—Single or Double

(Except where noted)

Each from 3-in. pots	20c; doz., \$2.00
Each from 3-in. pots (postpaid)	25c
Doz. from 3-in. pots (postpaid)	\$2.50
Each from 4-in. pots	30c; doz., \$3.00

Each from 4-in pots (Postpaid).....	35c; doz., \$3.50
Each from 5-in. pots	50c; doz., \$5.00
5-in. (Postpaid) 65c, each; doz., (postpaid).....	\$5.50
Larger plants	75c and \$1.00 each

GERANIUMS—Continued Next Page.

GERANIUM—Continued.



Mrs. Kent.

TWO NEW GERANIUMS.

Mrs. Kent—This new introduction is one of the very finest single varieties that has been introduced in recent years. Its color is a vivid crimson-scarlet, with a white eye, very large single florets and enormous trusses. The single florets have grown for us larger than the ordinary mans watch case. It is of bushy habit and very free flowering. Each from 3 inch pots 40c, postpaid 50c; from 4 inch pots 60c, postpaid 75c; from 5 inch pots 85c, postpaid \$1.00.

Mrs. R. Gloide—A new semi-double—with bright deep pink flowers. The trusses and florets are very large, and very free flowering. A most desirable addition. Each from 3 inch pots 40c, postpaid 50c; from 4 inch pots 60c, postpaid 75c; from 5 inch pots 85c, postpaid \$1.00.

IVY LEAVED GERANIUMS.

This class of Geraniums is rapidly growing in popularity and never fails to please those who desire a really valuable window plant. They are very free bloomers, and lend themselves splendidly to house culture.

James Atfield—Large pink double flowers, very fine.

Pierre Crozy—A single free bloomer of intense scarlet.

Leopard—Lavender pink dotted with crimson.

Souvenir de Chas. Turner—Deep bright pink.

Achievement—Rose with white eye.

La Eleganta—Beautiful variegated foliage.

Wm. Tracy—Double, light pink, a rather short habit of growth, very fine.

Each, from 3-in. pots.....	20c; doz., \$2.00
Each, from 4-in. pots.....	30c; doz., \$3.00
Each (Postpaid), from 3-in. pots.....	25c; doz., \$2.50
Each (Postpaid), from 4-in. pots.....	35c; doz., \$3.50

Extra strong plants of the above varieties—from five and six inch pots, two years old at \$1.00 each. Postpaid \$1.25.

VARIEGATED GERANIUMS.

Happy Thought—Leaves yellow, center bordered with green. Flowers rose.

Madame Sallerai—Bushy variety, used for borders; goes well with Lobelia. Foliage green and white.

Mountain of Snow—Fine foliage variety, silver edge, flowers red.

Mrs. Pollock—Foliage yellow, green and red variegation. Flowers red.

Each, from 3-in. pots.....	20c; doz., \$2.00
Postpaid	25c; doz., \$2.50

SCENTED GERANIUMS.

Balm—The well known large foliaged rose scented geranium.

Lemon—The small foliaged old-fashioned Lemon Geranium, very fragrant.

Rose-Scented Geranium—Very popular. Flowers pink.

Each, in 3-in. pots	20c; doz., \$2.00
Postpaid	25c; doz., \$2.50



Ivy Leaved Geranium.

Remember that our collection of Geraniums is the largest in the Northwest. We devote several greenhouses to the culture of these plants in their several types, and add new varieties to our list as we find them worthy after trial.



PELARGONIUM—Easter Greeting. (See next page.)

PELARGONIUMS

(Martha Washington Geraniums.)

Easter Greeting—One of the most desirable plants of this class that can be grown. Its flowers, which are borne in great profusion from March until late fall, are a fiery amaranth red, each petal bearing a blotch of deep brown or black and very large, often measuring from two to three inches in diameter. It is of a very compact and bushy habit, and of easy house culture. It is nearly impossible to say too much in recommendation of "Easter Greeting". Wherever a plant is desired for the house that will bloom continuously throughout the summer, no mistake will be made by selecting "Easter Greeting", (for the purpose. Our plants are unusually fine and healthy, and cannot fail to please. See page 14 for cut of.

Gardner's Joy—Nearly white, with an apple blossom pink at base of flower, the two upper petals blotched with deep brown. Produces one of the largest clusters of bloom of any known variety.

Wolfgang Goethe—Flowers large and slightly crimped, ground color dark red, with five well defined violet black spots. Considered the best dark red variety.

William Hauff—Flowers and clusters very large and strongly crimped. Ground color a purplish pink, with large brownish blotches on the upper petals. A profuse bloomer.

Eastern Star—A light salmon color, with five large reddish brown spots. Has a long period of bloom, and is a dwarf compact grower.

Wurtembergia—Similar in habit to Easter Greeting, with flowers of a vivid crimson.

Lavender Gem—Another of the Easter Greeting type, with beautiful lavender-pink flowers.

Mons. Herzog—Reddish pink.

Crimson King—Intense crimson, free flowering.

King Oscar—Bluish pink, shaded maroon and red.

Princess May—Very light pink.

W. C. Boyce—A beautiful shade of salmon.

Each20c, 35c and 50c
Each (Postpaid)30c, 45c and 60c

Madam Loyal—(The Pansy Geranium—This is another of these plants a favorite with our grandmothers, and is rapidly coming into another well deserved reign of popularity. Of the most easy house culture and a most profuse bloomer. Each from 3 inch pots 20c, postpaid 30c; from 4 inch pots 40c; postpaid 50c; from 5 inch pots 75c, postpaid 85c.



Gladiolus.

GLADIOLUS

Very attractive summer flowering bulbs and in which wonderful improvements have been made. To get the very best results they should be planted in a good sandy loam and where they get the most sun possible. Good spreadings of well rotted stable manure is the best fertilizer. Care should be taken in planting bulbs being set from 4 to 6 inches deep and from 6 to 8 inches apart each way. In the fall, before frost, the bulbs should be lifted, the stems cut off; place the bulbs in a cellar or some place away from the frost until planting time in the spring.

Le Marechal Foch—A new sensational variety of this lovely flower. Color is a delicate salmon-pink, deeper at the ends of the petals, and brighter in the throat. Many flowers open at a time, and are borne on strong straight stiff stems. Per doz. \$1.25; postpaid \$1.35.

Prince of Wales—(The Gladiolus Beautiful.) The color of this wonderful new gladiolus is a superb glistening salmon-pink, melting to a throat of delicate yellow. The tips of the petals are shaded somewhat darker. It is to Gladiolus what the Ophelia Rose is among roses. Per doz. \$1.25, postpaid \$1.35.

Schwaben—Clear Canary Yellow with blotch of deep garnet in throat, borne on long strong spikes. This is one of the finest gladiolus extant, and cut spikes in our store are the admiration of all who see them.

Per dozen, \$1.15; postpaid\$1.25

Mrs. Frank Pendelton—A beautiful salmon-pink, with deep red blotches.

Peace—A beautiful white, with pale lilac feathering. Very large flowers borne on a heavy spike.

War—A deep blood-red, shaded with crimson-black. A very tall grower and very conspicuous.

Any of the three above varieties, \$1.00 per doz; postpaid, \$1.15.

America—Large flesh-pink flowers.

Augusta—Pure white with blue anthers.

Mrs. Frances King—Light scarlet.

Halley—A magnificent salmon pink.

Any of the above varieties, 75c per doz., postpaid, 85c per doz.

S. N. & S. CO.'S COLLECTION OF GLADIOLUS.

The Gladiolus lover who does not grow a good collection or mixture of the hybrids of these flowers, does not get the most out of his Gladiolus. These hybrids produce a wonderful array of different colors—striped—blotched and an endless array of combinations of color. They are produced from the highest types of the flower known, and are well worth a place in any garden.

Mixed per doz., 75c; postpaid85c

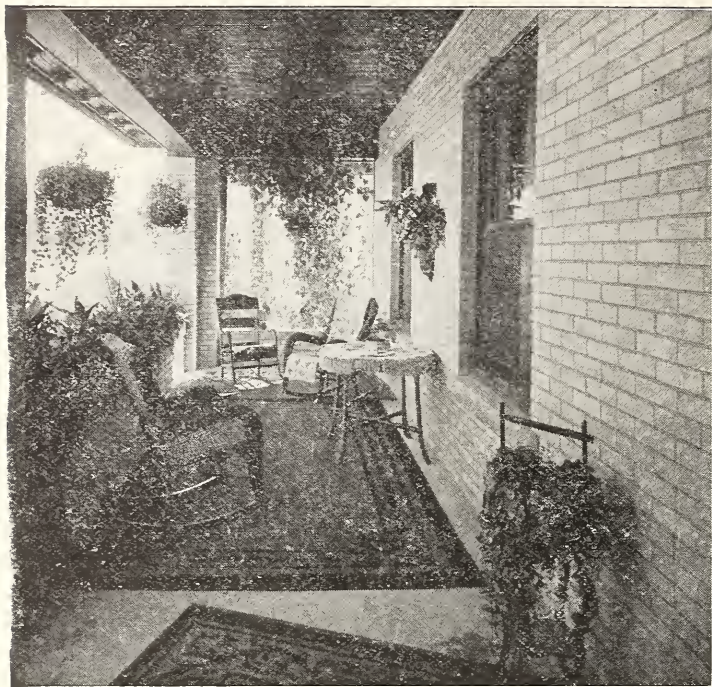
GLOXINIA

Gloxinia Erecta—The Gloxinias are beautiful summer flowering plants—with their stately large blooms—in the richest velvety shades of purple, red, white and spotted. We will be able to supply plants of the finest European strains of this noble plant in bloom after July 15. Each \$1.00; postpaid \$1.25. Where possible, these plants will ship better by express.

Porch and Window Boxes Hanging Baskets

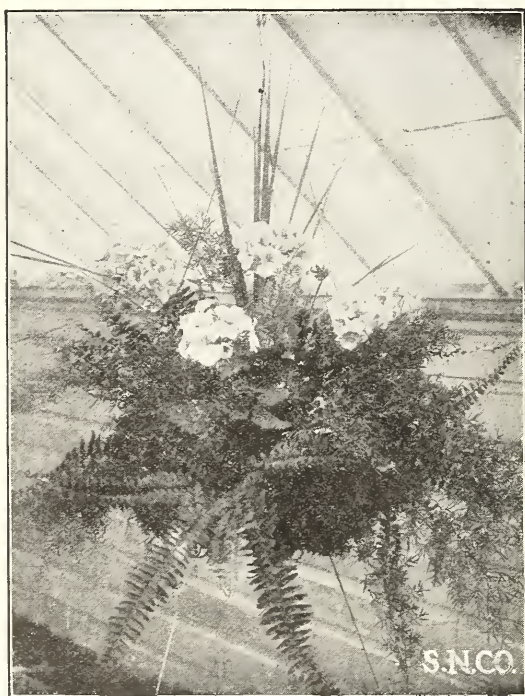
Hanging Baskets can be sent by express to almost any point with safety, but porch and window boxes do not permit of shipment in this manner. If you will send us the sizes of the boxes you desire to fill, we will take pleasure in promptly mailing you a list of plants suitable for the same and their cost. Always give the exposure—North—East—West or South in writing for list of plants suitable for porch boxes. In making porch boxes, it will be found that a width of 7 inches, and a depth of 8 inches, inside measurements, is sufficient. If the place to be filled is six feet or over in length, it will be found best to make the box in two or more sections, for convenience in handling. Always see that holes are bored in the bottom to allow for the necessary drainage.

PORCH BOXES—Continued.



Sample of the Beautiful Effect Attained in Porch Decoration by Hanging Baskets and Porch Boxes.

HANGING BASKETS



Hanging Baskets.

Prices vary with the class and values of the plants with which the baskets are filled. We can assure our customers that our selections and filling, by artists in this line, can not fail to satisfy even the most critical tastes.

Each.....\$2.00, \$2.50, \$3.00, \$3.50, \$4.00 and \$5.00
According to size and quality of plants used.

Hanging porous pottery vases are rapidly becoming more popular, owing to the fact that they hold moisture much longer, than the moss lined wire baskets, and are much more durable. We can supply these in 8 inch, 10 inch and 12 inch sizes.

HELIOTROPE



Heliotrope.

Heliotrope will succeed in or out of doors. Their exquisite perfume makes them a favorite everywhere.

Centifleur—One of the newer forms of medium lavender color, with enormous heads of bloom.

Elizabeth Dennison—A very compact large flowered form almost violet in color.

Florence Nightingale—A lavender colored type, very floriferous.

Each15c, 25c and 50c
Each (Postpaid)20c, 30c and 60c

HYDRANGEAS



Hydrangea.

These half hardy shrubs are in great demand as house, porch or garden plants, the varieties listed are of the very best and of easy culture. During winter the plants should be kept cool but never permitted to freeze and only sufficient water to prevent the roots from drying up.

Each from 3 inch pots 25c, postpaid 35c; from 4 inch pots 50c, postpaid 65c; from 6 inch pots \$1.00, postpaid \$1.25.

From April to June we have extra fine specimens in blossom. \$2.50 each and upwards.

French Types—Unnamed, in pink or blue, 4-5 inch.

Each\$1.25
Postpaid\$1.40

HOYA CARNOSA—(Wax Plant.)

An old time favorite indoor climber, bearing trusses of flesh colored star shaped, wax-like flowers. Rich green foliage. Each 35c, postpaid 45c.

IPOMEA—(Moon Vine.)

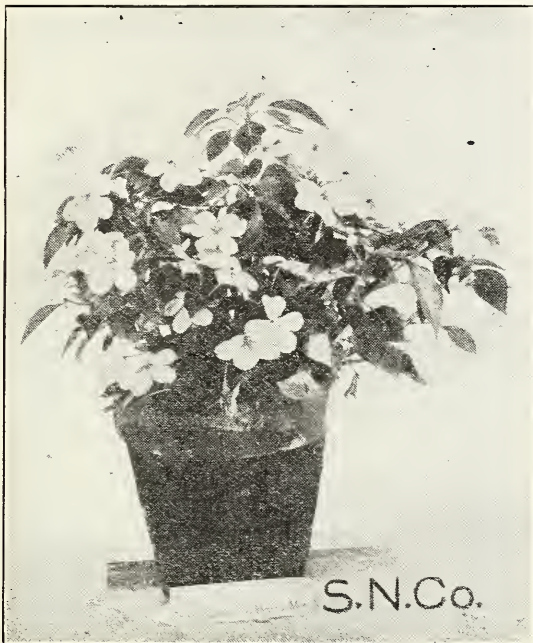
The well known Moon Climber. Flowers white and fragrant. Each 15c; doz., \$1.50; Each (postpaid 20c; doz., \$1.65).

IVY—(Parlor Ivy.)

A good vine for the window at all seasons, and in great demand as a vase, basket or window box plant in the summer. Each 10c, postpaid 15c; per doz. \$1.00; postpaid \$1.15.

ENGLISH IVY—(Hedera Helix.)

An invaluable evergreen climber for indoor purposes, a splendid plant for house trellis decoration. Not hardy in Montana. Each 35c and 60c; postpaid 45c and 70c.

**IMPATIENS SULTANI.**

A plant that should be in everybody's collection being almost continuously in bloom and of bright red color, which makes it the ideal table or window plant. Each 15c and 25c; postpaid 20c and 35c.

LANTANA.

One of the most attractive house plants, with a most brilliant range of colors, and extremely floriferous.

Jacob Schultz—Opens yellow and turns to a most intense ox-blood red.

Comtesse de Brencourt—A fine pink.

Delicatissima (Weeping Lantana)—Rosy lavender flowers, very suitable for hanging baskets.

Snowball—Pure white.

Each 15c and 30c; postpaid 20c and 40c. Collection of 4, 50c; postpaid 75c.

LEMON VERBENA—(See Aloysia, Page 3.)**LAVENDER.**

Lavendula Vera—The true old fashioned lavender. Greatly admired for its delicious fragrance. In this section it is not hardy, and must be cared for indoors in winter. Each 20c; postpaid 25c; per doz. \$2.00, postpaid \$2.25.

**A Bench of Snapdragons.**

These wonderful plants are grown greatly for use as cut flowers, and a bench of these in full flower is a sight not readily forgotten. The named varieties of these (see page 3) which we offer will well repay the lover of these favorites.

**Lobelia.**

The best of all for border plants, being low and covered with a mass of small blossoms. They thrive in almost any garden soil, but should be planted where they get the most moisture.

Double Blue Kathleen Mallard—Large double flowers of an intense blue, very desirable.

Each 10c; postpaid 15c; doz. \$1.00; postpaid \$1.15.

Crystal Palace—Deep blue; a splendid bedder.

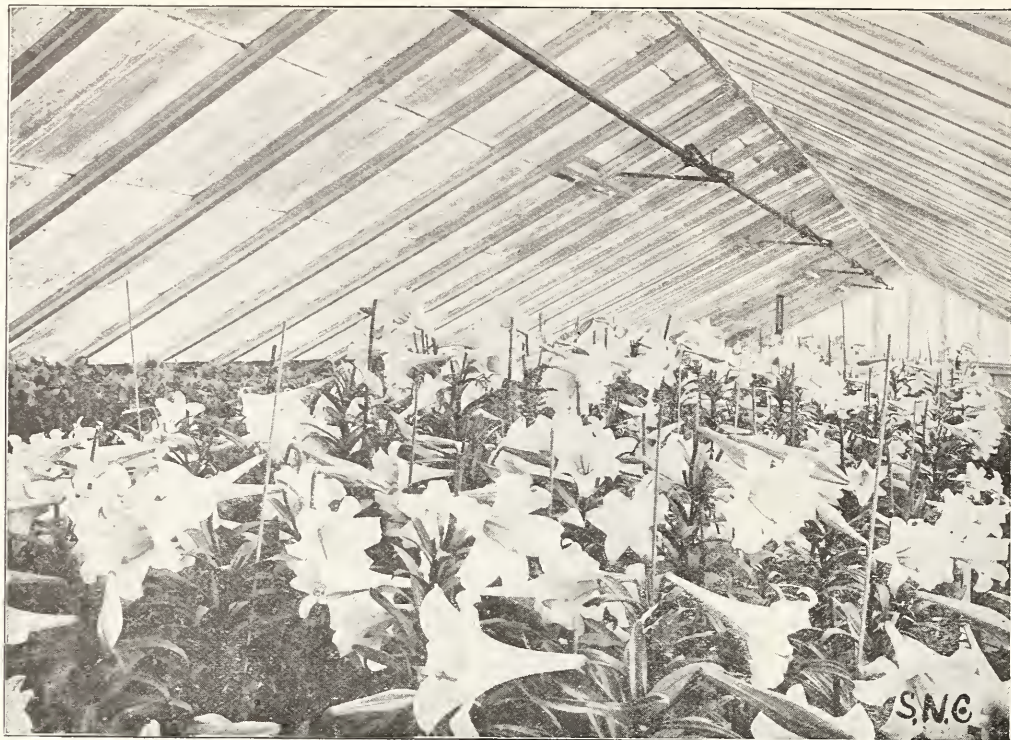
Each 10c; postpaid 15c; doz. \$1.00; postpaid \$1.15.

Salmon, Idaho, Oct. 8, 1923

State Nursery and Seed Co.,
Helena, Mont.

Gentlemen:—With our spring order of seeds we received a package of Snapdragons. We planted them in the hot-bed, and transplanted to a bed of rather Alkali soil, where they grew wonderfully. I picked a large bouquet of NINE colors yesterday. The Aster seeds ordered from you were very satisfactory—the flowers very large and showy, and have been much admired.

Respectfully,
Mrs. Chas. A. Norton.



A House of Easter Lilies.

EASTER LILIES

We grow these in large numbers for the Easter season. At that time we are prepared to supply these beautiful plants to any part of this section, and you can make no better selection for a present than one of these Lilies. Send us your orders and we will pack with your card attached and ship by express to destination desired.

Each \$2.00 to \$4.00.

We recommend the shipment of these by express whenever possible.

LILIES

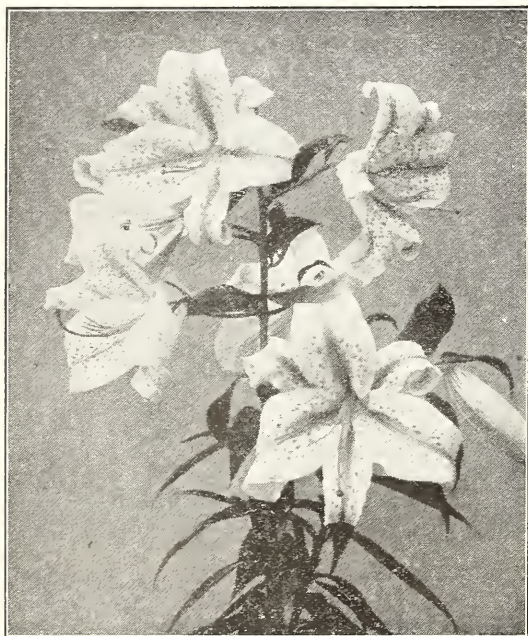
(See Also Hardy Lilies, under Perennials.)

Calla Elliottiana—A beautiful member of the Calla family, with dark green foliage spotted with silvery white, and handsome yellow flowers. A splendid house plant of the easiest culture. Each postpaid \$1.00.

Calla Aethiopica—Calla Lily or Lily of the Nile. A well known and justly a favorite window plant. Of very easy culture. Each 50c and \$1.00.

Calla—Little Godfrey—A smaller type of later introduction and with its extremely free flowering habit, has proved wonderfully popular. Each 50c and 75c.

Lilium Giganteum—The well known Easter Lily. Dormant bulbs in season (October and November) 50c each; postpaid 60c.



Lilium Auratum.

L. Auratum—The wonderful gold-banded Lily of Japan. Flowers will often, if well grown, measure ten inches in diameter, of a creamy white, spotted with crimson and striped with yellow. Extremely fragrant. Dormant bulbs (November to June) Each 50c; postpaid 60c.

L. Rubrum—Another handsome lily and very largely grown for cut flowers. Of a very desirable pink freely sprinkled with deep crimson spots and markings, and reflexed petals. Dormant bulbs (November to June) each 50c; postpaid 60c.



Marguerite—Mrs. F. Sanders.

Mrs. F. Sanders—This variety has taken precedence over all others of its class, it is double, pure white, with long stemmed blooms often measuring five inches in diameter. Grown in enormous quantities for cut flowers, and a splendid keeper when cut. Each 20c, 30c; postpaid 30c, 40c.

Marguerite—Boston Yellow—A magnificent golden yellow Marguerite, with flowers from 3 to 5 inches in diameter. Greatly grown for cut flowers, having long strong stems. Each 15c, 25c, 50c; postpaid 20c, 35c, 60c.

White Marguerite—(Chrysanthemum Frutescens)—This is the well known single Paris Daisy, and the best known of the family. Each 20c, 30c, 50c; postpaid 30c, 40c, 60c.

Mothers' Day Marguerite—A new introduction—so named because of its dependable nature of early flowering—for Mothers' Day—the second Sunday in May. A splendid white Marguerite. Each 50c; postpaid 65c.

MIGNONETTE.

This is still greatly beloved for its wonderful fragrance, which is rarely equalled and never surpassed. Plants from 2 inch pots, each 5c; doz. 50c; Each, postpaid 10c; doz. 60c.

MONEYWORT (Lysimachia Nummularia.)

This is a splendid trailing vine, exceedingly well suited for hanging baskets and porch boxes. Its long stems often reach a length of two feet, and are closely lined on two sides with small dark green foliage, and it is rarely that they ever lose the foliage near the plant, making it one of the best plants for this purpose. It is very hardy—a few degrees of frost not injuring it at all, and it will thrive under trees and in places where grass will not grow, making a veritable carpet of green. Each, 20c, postpaid 30c; Per doz. \$2.00, postpaid \$2.25.

MOON VINE—(See Ipomea, Page 17.)

NASTURTIUMS.

Tall or Climbing Varieties—The ideal summer vine for trellises, verandas or for covering unsightly railings.
Dwarf or Bedding Varieties—Give a splendid effect when massed in beds, their various colors giving an effect incomparable. Each 10c; doz. \$1.00; postpaid, each 15c; doz. \$1.25.

OLEANDER.

A most interesting house plant, forming beautiful spikes of flowers in delicate shades of white, pink and red. The Oleander is probably one of the most popular and well known of all house plants. Each 25c and 50c; postpaid 35c and 65c.

OXALIS.

Buttercup—Yellow, grows and blossoms freely.
Grand Duchess—Pink. A most prolific flowering variety of easy growth. This Oxalis, is perhaps to be found in more homes than almost any other plant. It is a continuous bloomer, and is often to be seen with beautiful masses of pink flowers from the end of one year to another. Each 25c; postpaid 35c.



Orchids—(Cattleyas)—In Bloom in Our Orchid House.

ORCHIDS

We grow these in considerable quantities for cut flowers, and usually have specimen plants in blossom.

Write for prices

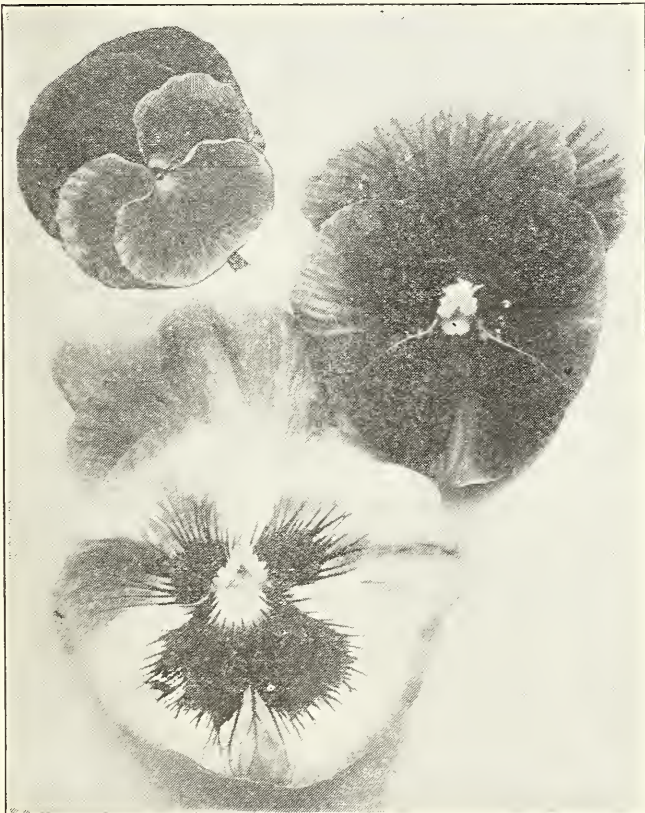
PANSIES

We are the most extensive growers of these favorite flowers in this section, and we spare no expense to obtain the finest strains that have been developed, combining hardiness, beauty of color and length of stem.

PANSIES—GIANT FLOWERED.

Mixed—per doz. 75c; postpaid 90c.

These can be supplied in separate colors—yellow, blue and white.



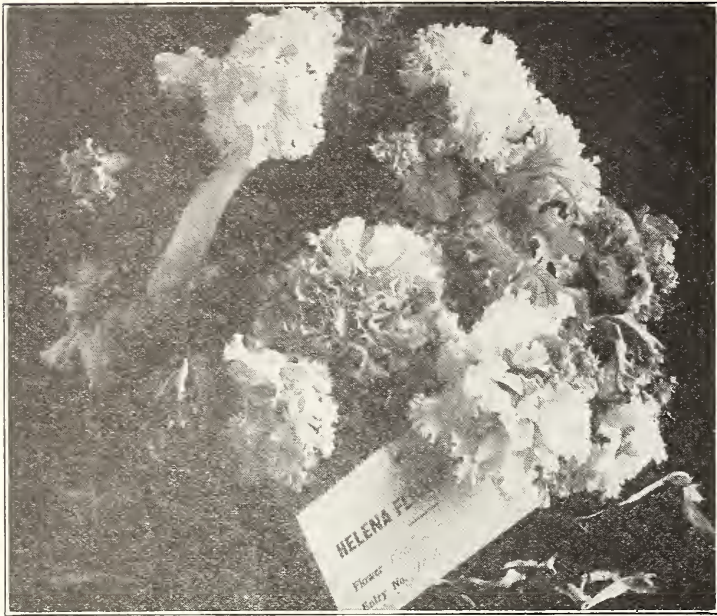
Culbertson, Mont., May 10, 1923

State Nursery and Seed Co.,
Helena Montana

Gentlemen:—We received the freight shipment of trees, a few days ago, and take pleasure in stating that they arrived in fine condition, and were the finest lot of trees and shrubs we have ever received. We are greatly pleased with prompt service and satisfactory stock you shipped us.

Yours Very Truly,
Farmers Mercantile Co.

PETUNIAS



A Vase of Our Double Petunias.

The demand for our Double Petunias has kept our growers busy to meet it. The steadily increasing use of porch and window boxes for porch decoration, is calling for the best that can be produced in these free blooming plants, and for that purpose they are absolutely indispensable.

DOUBLE PETUNIAS.

Edda—Pink mottled white.
Guy—A beautiful light pink.
Jerome—Purple with white edge.
Snowball—Finely fringed white.
Talma—Clear pink.

Each 25c, 35c 50c, according to size. Each postpaid, 35c, 45c and 65c.



Single Petunias.

The beauty of our single Giant Fringed Petunias must be seen to be appreciated. They are of a most bewildering array of color, giants in size, of exquisite beauty, and like the double sorts are indispensable plants for porch boxes and baskets.
Giant Fringed—Mixed colors.

Dieters Pink Glory—One of the handsomest for porch boxes and bedding purposes.

Rosy Morn—A splendid and favorite bedding variety.

Each from 3 inch pots 20c; postpaid 30c; per doz. \$2.00, per doz. postpaid \$3.00; from 4 inch pots each 30c, postpaid 40c; per doz \$3.50; per doz. postpaid \$4.00.

PALMS—(See Palm Department, Page 22.)

PHLOX HARDY—(See Hardy Perennials, Page 36.)

Sanseveria Zeylanica — A splendid house plant of easy culture, one that will withstand dust and dry weather without injury. The tall growing fleshy leaves are very attractive, being alternately barred with green and white, and on a good plant will often attain a height of 30 to 36 inches. A large well grown plant of this is one of the finest specimen plants that can be had for porch and stoop ornamentation in the summer months. Commonly called Zebra plant.

Each 50c; postpaid 65c; Larger plants \$1.00, postpaid \$1.25.



Sanseveria Zeylanica
Zebra Plant.



Primula Malacoides.

Primula Malacoides—This is the Baby Primrose. It bears masses of delicate lavender colored flowers in wild profusion, and deservedly ranks among the best of the fall and winter house plants. Blooming plants in season; October to March. Each 35c, 50c; postpaid 45c, 60c.

For those who desire to grow these plants to full maturity in the house, we offer young plants from May to August. Each 25c and 35c; postpaid 45c and 60c.

**PRIMULA SINENSIS**—Kelways' Prize Strain.

Primula Sinensis—Chinese Primrose—This is a beautiful house plant, and like the preceding variety is a profuse winter bloomer. In colors of red, white and lavender. Good plants in bloom from November to March. From 4 inch pots 50c, postpaid 65c; from 5 inch pots 75c, postpaid 90c.

ROSES—(See Pages 23 to 27.)

SALVIA—Scarlet Sage

Salvia—or as it is more commonly called, Scarlet Sage—is without a doubt one of our most valuable summer bedding plants. Give it a sunny location, with well fertilized soil and sufficient water, and a bed of Salvia will well repay the outlay. Of easy culture—and rapid growth, they literally cover themselves with long, erect spikes of most brilliant scarlet flowers, borne well above the deep green foliage. A well grown bed of Salvia is literally a bed of fire. Each 15c, doz. \$1.50; postpaid 30c, doz. \$1.65.

**SAXIFRAGA SARMENTOSA**—(Strawberry Geranium.)

Saxifraga Saramentosa

Aarons Beard—Mother of Thousands—or Strawberry Geranium. This is a handsome plant of a wonderful trailing habit, with brightly variegated foliage. It is a splendid plant for small hanging baskets, of a real decorative value, that will thrive under most adverse conditions. Each 25c and 50c; postpaid 30c and 60c.

STOCKS

Ten Weeks

(Gilliflower)

Stocks— One of the most useful bedding plants, that can be grown. Their intensely free blooming habit, coupled with their long keeping qualities when cut and their magnificent range of coloring, render them a universal favorite with all flower lovers. In shades of white, yellow, dark blue, lavender pink, rose and blood red. Per doz., 50c; Postpaid, 60c.

**Stocks.**

TRADESCANTIA (Wandering Jew)

One of the most used plants in the world for hanging baskets and porch boxes. Three varieties—green foliage, green and white, and red and silvery green.

Each 20c; dozen \$2.00; each postpaid 25c; dozen postpaid \$2.25.

TUBEROSES.

One of the most delightfully fragrant and exquisite of all summer blooming plants. It is desirable to plant the bulbs as soon as the ground becomes warm. Our specialty is the Excelsior Double Pearl variety.

Each 10c, dozen \$1.00; each postpaid 15c; dozen postpaid \$1.25.

**Tradescantia.**

Columbus, Mont., June 4, 1923

State Nursery and Seed Co.,
Helena, Mont.

Gentlemen:—The goods ordered were received in the very best order, and I am much pleased with them.

Olive B. Clark.

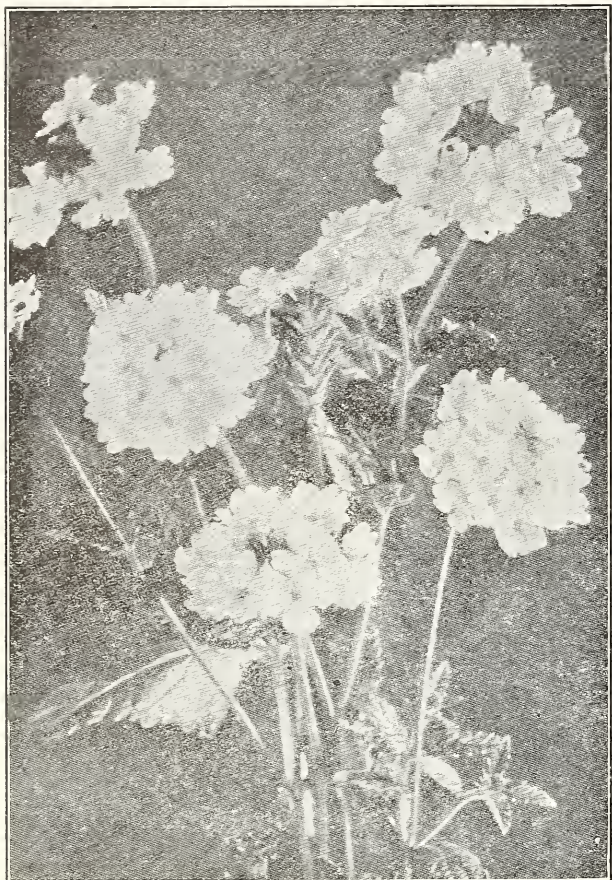
VIOLETS

We have found that violets under proper cultivation can be grown in Montana that are the equal of any in the entire country. As an evidence of this fact, the demand for violets as cut flowers, in their season, in our own case, has increased so rapidly that it now requires seven of our largest greenhouses to satisfy the demands made upon us for these fragrant blooms. Under the care of the expert in charge of these plants, they are absolutely free from all kinds of disease that so often attack them in many parts of the country. Our pot grown plants are unequaled.

Freys' Fragrant—A new variety, large and early flowering, and very fragrant. Each from 3 inch pots (one year old) 25c; postpaid 30c.

Governor Herrick—Flowers of rich purple borne on good stems and very prolific. From 3 inch pots (one year old) 25c, postpaid 30c.

Princess of Wales—One of the best varieties grown. Flowers very large, long stems, a very profuse bloomer, and extremely fragrant. From 3 inch pots (one year old) each 25c, postpaid 35c.



VERBENAS.

These are one of the best and without doubt one of the most valuable bedding plants for use in the Northwest. They bloom continuously through the summer, and very often after the first frosts of fall. Their free flowering proclivities, and brilliant shades of coloring render them attractive to every lover of summer flowers in the garden.

Verbena Oxford Beauty—This is a very large flowered clear pink variety.

Other colors—Scarlet, pink, white, purple, white and striped. Each 15c; per doz. \$1.50; postpaid, each 20c; doz. \$1.75.

VINCA MAJOR.

This is without a peer as a decorative vine for porch boxes and hanging baskets. Of the most easy culture, and rapid growth, it is today the most used trailing plant for this purpose in all parts of this country. The demand for it in the United States runs into the millions each year, and is steadily growing.

Vinca Major—Handsome dark green foliage.

Vinca Major Variegata—Foliage dark green in center, bordered with an irregular margin of rich creamy white. A most beautiful vine for porch use, and can not be too highly recommended. Each 20c to 50c; postpaid 30c to 60c.

Vinca Minor Aurea Variegata—This is a comparatively new introduction, but the demand is already passing the supply. It is a variegated form of the favorite old English periwinkle with a creamy yellow edging around the deep green center of the leaf. Like its parent, it is extremely hardy, making a splendid carpet plant in the most shady places where hardly any other plant would grow at all. A most useful plant for covering graves, the wonderful contrast of color and evergreen foliage rendering it one of the most valuable acquisitions of late years for this purpose. Each 25c; postpaid 35c; per doz. \$2.50; postpaid \$3.00; large clumps 50c, postpaid 60c; per doz. \$5.00, by express only.

TORENIA.

T. Fournieri—A splendid annual, for Baskets, vases or borders, very floriferous, literally covered the entire season with sky-blue flowers, with spots of rich dark blue, and a yellow throat. Each from 3 inch pots 15c, postpaid 20c; from 4 inch pots 25c, postpaid 30c.

WALLFLOWERS.

A very fragrant easily grown old favorite. The plants we offer this season are raised from the finest strains which have been developed by European specialists, and will be found a wonderful advancement on any that have been hitherto offered in Montana.

Wallflower—Glory of East Prussia—A very robust and sturdy grower, with fine foliage, producing enormous spikes of bloom of a reddish brown. From 3 inch pots each 10c, postpaid 15c; from 4 inch pots 20c; postpaid 25c.

Wallflower—Original Koenigsberg—Of same sturdy habit as the above named variety, the blooms of a deeper brown, finely perfumed. Each from 3 inch pots 10c, postpaid 15c; from 4 inch pots 20c, postpaid 25c.

ZINNIA—(Old Maid.)

Zinnias are one of the finest and showiest annuals grown. They will thrive anywhere, blooming from early summer until cut down by frost. With every color of the rainbow, and some others thrown in, a bed of Zinnias is indeed a most gorgeous sight in the summer landscape. Each 5c doz. 60c; postpaid each 10c, doz. 70c.

PALMS

Palms make an ideal gift for any purpose and at any season.

The Kentias named below are among the very best of the Palm family for house culture. Among the hardiest of the family, they are often grown for years in the home, with wonderful success, and there is no plant that gives that unique touch of tropical gracefulness to a room or hall, or that can be used to break or completely change the contour of some awkward corner as a well grown Kentia.

Kentia Fosteriana
An extremely useful variety and one that responds well to house culture. Each \$1.00 to \$5.00

Kentia Belmoreana
Another splendid house type similar to Fosteriana, with broader pinnæ and a longer growth of midrib or stem. Each \$1.00 to \$5.00



Kentia.

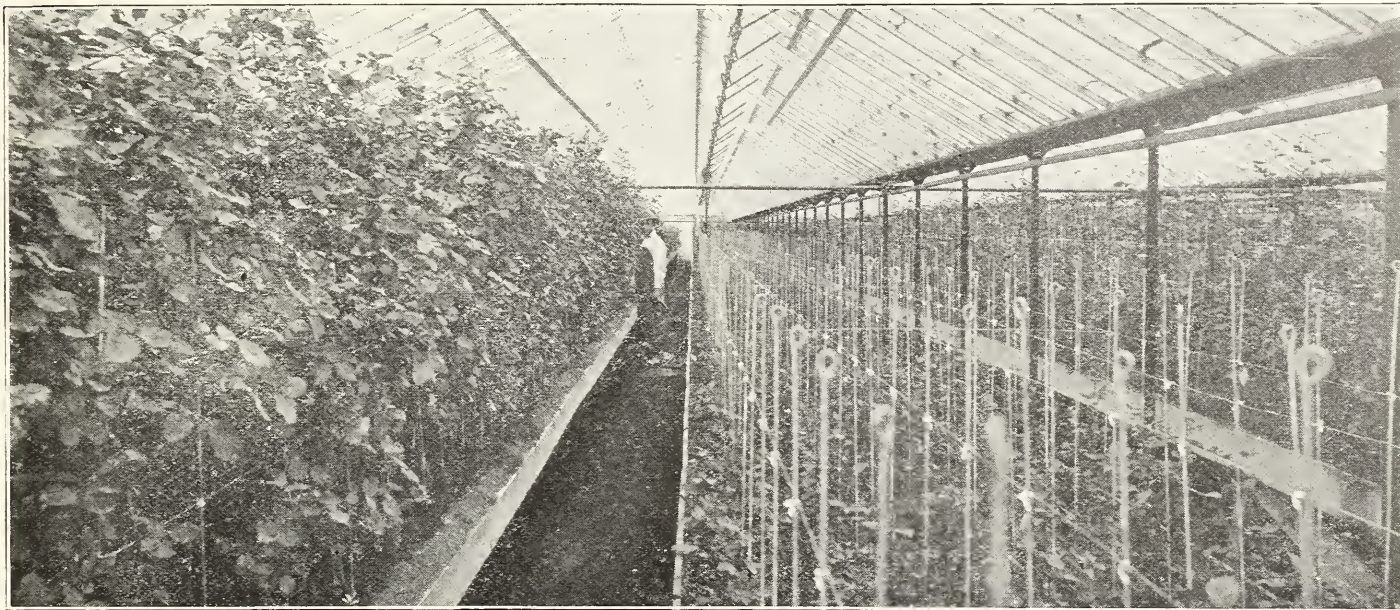
Cocos Weddeliana—A splendid and most graceful palm. Small plants are much used for center plants in fern dishes. Each from 3 inch pots 50c, postpaid 65c.

For a full list of contents of this catalog see index, in last pages.



Cocos Weddeliana.

ROSES



View in One of Our Rose Houses.

ROSES---Their Culture and Care

SITUATION.

Best results can be obtained by planting Roses where they receive the full benefit of the sun, and sheltered from the north winds. Under no conditions should they be planted where they are liable to come into contact with the roots of large trees and shrubs.

SOIL.

Almost any ordinary good Montana soil is suitable for Roses. Cow manure is one of the best fertilizers to use.

PLANTING—PREPARATION OF THE BED.

The bed should be prepared a short while before planting, so as to let the soil settle. The depth of the bed depends on the size of the plant, usually about one foot. Fill this with soil and manure, being careful to provide for proper drainage. On receiving the plants, if in a dormant state, the tips of the roots should be cut off about half an inch or more.

If the plants are from pots, they should be set so that the ball of earth is about one inch below the level of the ground, and the soil around them made very firm.

Great care should be taken to see that the roots of field grown Roses are evenly distributed, as upon this detail quantity and quality of blooms will depend. A thorough soaking of water should then be given.

WINTER PROTECTION.

Almost all the roses (the Hardy Yellow varieties are some of the exceptions), should be protected during winter. For this purpose we use long clean straw, bending the rose bushes to the ground and covering the straw over them to a thickness of about six inches.

Another good plan is to use a heavy sheaf of straw tied close at the top and the rose bush tied in the center of the sheaf. This is a good method in places where water or melted snow is apt to drain to the plants. With this method it is also beneficial to draw the earth to the stem of the plant before covering with the straw.

PRUNING.

Immediately the first killing frost cuts back the young growth in the fall, prune back the frozen wood into well ripened wood. This is important, and will often insure the life of tender Roses in severe winters. As soon as the plants show the first sign of activity in the spring, then give them the principal pruning of the year, beginning with the H. P. class. Climbing Roses need very little pruning, except to remove dead and superfluous wood, and to make long canes conform to some desired effect.

INSECT PESTS.

Should any insect pest like Green Fly or Aphis attack your Roses, it may be easily controlled by an occasional spraying with Black Leaf 40, or some other nicotine preparation. For these, refer to list of Insecticides, on last pages of this catalog.

ROSES

WE DEVOTE A SPECIAL DEPARTMENT—AN ENTIRE RANGE OF GLASS—IN CHARGE OF AN EXPERT TO THE PRODUCTION OF ROSES FOR MONTANA AND THE NORTH-WEST.

ROSES—The flowers that are beloved by all—can and are now grown as successfully in Montana as in any section of the country. Careful pruning at the proper season, sufficient water and fertilizer; with a good protection of such material as dry straw in winter, will give a wealth of beauty and bloom in the summer that will far more than repay for the outlay and labor expended on them.

NEW ROSES

LEGION.

(See Color Plate on Front Cover.)

This beautiful new rose has become immensely popular since its introduction a year ago. The buds are slightly rounded, borne on good stiff stems, the open flower is very large and fragrant, of a cerise-red color. The foliage is abundant, large, of a dark green with a slightly reddish tint. This variety is finding great favor as a cut flower variety owing to its color and fine lasting qualities. Each \$1.00 postpaid, from 3 inch pots. Large plants \$2.00, postpaid \$2.50.

CRUSADER.

A large strong grower, very robust and rugged, a very free bloomer. Very large double flowers, borne on strong stiff stems in color a rich velvety crimson. Every flower opens perfectly. A really wonderful red rose. Each from 3 inch pots \$1.00. Large plants each \$2.00, postpaid \$2.50.

COMMONWEALTH.

A solid deep pink rose, buds long and pointed, flowers large and double, very lasting and fragrant. Handsome rich green foliage and nearly thornless. A vigorous grower and continuous bloomer. Each \$1.00 from 3 inch pots. Large plants each \$2.00, postpaid \$2.50.

AMERICA.

A handsome rose pink, long pointed buds, and very large flowers, with wonderful lasting qualities, and very fragrant. Foliage dark green, very floriferous, and a strong grower. Each \$1.00 from 3 inch pots. Large plants each \$2.00, postpaid \$2.50.

PILGRIM.

A beautiful shade of bright rose pink. The bud which opens perfectly is of ideal form. This rose has a most pronounced Tea Rose fragrance, which will attract all rose lovers. Very prolific bloomer, flowers borne on good stiff stems. Each \$1.00 from 3 inch pots. Large plants each \$2.00, postpaid \$2.50.

ANNIE LAURIE.

Of the type of the well known Ophelia, with large long pointed buds, very double and lasting; flesh pink, edges deeper, and a rich golden yellow base extending upwards. Large glossy green foliage, almost thornless, and a vigorous bushy grower. A tender rose, one in this section that will well repay taking inside for the winter months. Each \$1.00 from 3 inch pots. Large plants each \$2.00, postpaid \$2.50.

The Collection of the above 6 Superb New Roses from 3 inch pots \$5.00 postpaid.

HYBRID TEA ROSES—Continued.

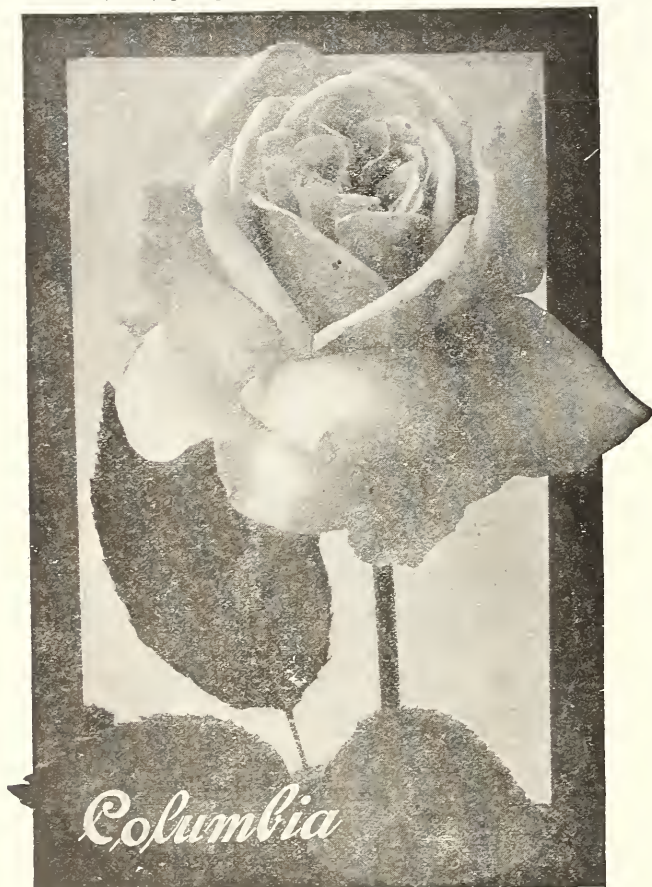


ROSE—PREMIER.

This is another rose of late introduction, but is one that is being enthusiastically received by rose growers all over the country.

It is a most exceedingly free grower—is practically thornless, very floriferous, very fragrant, and a beautifully shaped bud and bloom.

The color is a deep rose, and keeps unusually well after cutting. Each from 3 inch pots 50c, postpaid 65c. Field grown plants each \$2.00, postpaid \$2.50.



COLUMBIA

was introduced in 1918. It is an American production, and has been received most enthusiastically wherever grown. It is doing well for us and is a wonderful bloomer. Its blooms are large, of most exquisite form, of a perfect Peachblow pink, which deepens as the flower opens. It has unusually long, stiff erect stems, and is almost thornless. Each from 3 inch pots 50c, postpaid 65c.

Hoosier Beauty—A late introduction, but it has jumped at once in a popularity attained by few. Color a glowing deep scarlet with darker shadings, and opens into a magnificent bloom. Each from 3 inch pots 35c, postpaid 45c; from 4 inch pots 50c, postpaid 65c. Field grown plants each \$2.00, postpaid \$2.50.

X American Beauty—This is one of the best known and most popular Roses ever introduced. It has proven one of the best for this climate, and its beautiful large red blooms can be seen in every section. Each from 3 inch pots 35c, postpaid 45c; from 4 inch pots 50c, postpaid 65c.

X Hadley—Deep rich velvety crimson... Large double flowers on long, stiff stems. Very fragrant and a prolific bloomer. Each from 3 inch pots 35c, postpaid 45c; from 4 inch pots 50c, postpaid 65c.

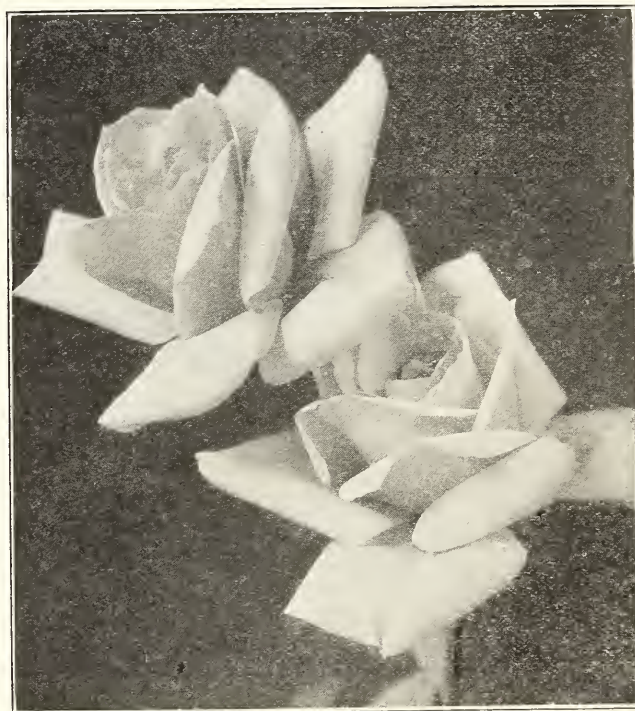
X Francis Scott Key—Red, shading to cerise, very double, and a free bloomer. Each from 3 inch pots 35c, postpaid 45c; from 4 inch pots 50c, postpaid 65c.

X Gruss an Teplitz—This is a wonderful Rose, of dazzling fiery crimson. It is a very free grower, and unlimited flowering qualities. Should be in every collection. Each from 3 inch pots 35c, postpaid 45c; from 4 inch pots 50c, postpaid 65c.

X Red Radiance—This is a sport from the Pink Radiance, of which it is an exact counterpart, except in color, which is of a clear bright red. Each from 3 inch pots 35c, postpaid 45c; from 4 inch pots 50c, postpaid 65c.

Hybrid Tea Roses (Pink)

La France—Although introduced in 1867 this wonderful Rose still preserves its popularity. Of a silvery Rose, with pink shades, and satin-like petals of wonderful beauty and unequalled fragrance. A continuous bloomer. Each from 3 inch pots 35c, postpaid 45c; from 4 inch pots 50c, postpaid 65c.



Ophelia.

Ophelia—A recent introduction, and one that has taken Rose lovers by storm. In color it is a brilliant salmon-flesh pink, showing orange yellow shadings. Very floriferous, a vigorous grower, and bears its blooms erect on long stiff stems. Very fragrant. Each from 3 inch pots 35c, postpaid 45c; from 4 inch pots 50c, postpaid 65c. Field grown plants each \$2.00, postpaid \$2.50.

HYBRID TEA ROSES—PINK—Continued.

Hermosa—This is another old favorite, introduced in 1840, but still retains its popularity. While it is of the Bourbon type, it is of a free blooming nature, with finely formed flowers of a soft deep pink. Each from 3 inch pots 35c, postpaid 45c; from 4 inch pots 50c, postpaid 65c.

Mrs. Chas. Russell—This Rose is a magnificent pink, one of late introduction, and which jumped at once into well deserved popularity. Long, strong stems and very large flowers. Each from 3 inch pots 35c, postpaid 45c; from 4 inch pots 50c, postpaid 65c. Field grown plants each \$2.00, postpaid \$2.50.

LOS ANGELES

The color of this wonderful rose is a luminous flame pink, toned with coral, and shaded with translucent gold at the base of the petals.

This has proven with us to be a splendid summer rose for the garden, but it is somewhat tender for Montana winters. It will require good protection in winter, or better still it will well repay to take up and care for inside for the winter. Price, 3 inch plants each 50c, postpaid 65c. Field grown plants each \$2.00, postpaid \$2.20.

Order early—our stock of this magnificent variety is very limited.



Pink Radiance—The Wonder Rose for Montana.

RADIANCE—We feel that we cannot recommend this rose too highly for planting in the Northwest, and its wonderful success in almost all sections of this state has created a demand for it unequaled by any other variety. It is a hardy vigorous grower with flowers of a brilliant rosy carmine, which when fully open are shaded with opaline pink. Our specimen plants of this variety cannot be equaled. Each from 3 inch pots 35c, postpaid 45c; Each from 4 inch pots 50c, postpaid 65c; per doz. from 4 inch pots \$5.00, postpaid \$5.50. Field grown plants each \$2.00, per doz. \$20.00.

Hybrid Tea Roses (White)

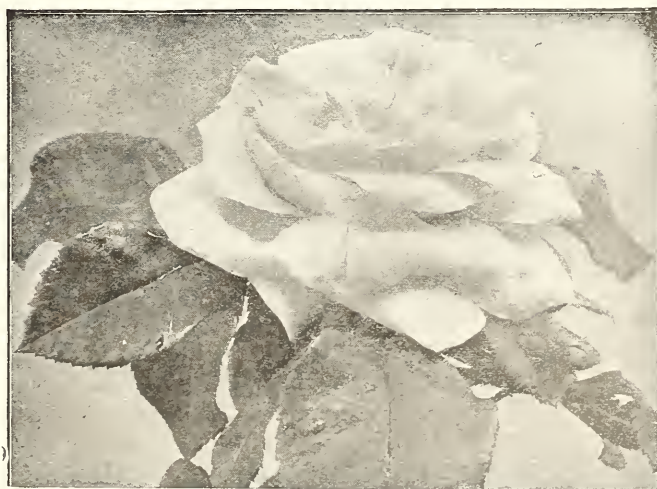
Kaiserin Augusta Victoria.

X Kaiserin Augusta Victoria—One of the best white Roses ever introduced. A most sturdy grower with large perfectly formed and fragrant flowers, it combines all the attributes that go to make a perfect Rose. Very profuse. Each from 3 inch pots 35c, postpaid 45c; from 4 inch pots 50c, postpaid 65c.

X Clothilde Soupert—Known in many sections as the Cemetery Rose, as it will bloom and thrive with so little care. It is a cluster bloomer, white, shading to a light pink, and very profuse, a dwarf grower, and very fragrant. Makes an ideal pot Rose for the house in winter or summer. Each from 3 inch pots 35c, postpaid 45c; from 4 inch pots 50c, postpaid 65c.

Hybrid Tea Roses (Yellow)

X Sunburst—A splendid Rose of vigorous habit and one of the largest of the H. T. type. The color is an orange-copper or golden orange, very intense giving a most brilliant effect. A giant of its class, of perfect form, good keeping qualities when cut, it has proven an estimable garden Rose for this section. Each from 3 inch pots 35c, postpaid 45c; from 4 inch pots 50c, postpaid 65c.

Hybrid Perpetual Roses

Frau Karl Druschki.

HYBRID PERPETUAL ROSES—Continued.

X Frau Karl Druschki—Commonly known as the White American Beauty, or Snow Queen. A most vigorous grower producing large long buds and magnificent white blooms. Very hardy, and deservedly popular. Each from 3 inch pots 35c; postpaid 45c; from 4 inch pots 50c, postpaid 65c.

X Anna de Diesbach—(Glory of Paris)—A very free blooming form of this type of Rose and a vigorous grower. Color a shell-pink, long, pointed buds, very double and large compact blooms, very fragrant. Each from 3 inch pots 35c, postpaid 45c; from 4 inch pots 50c, postpaid 65c.

Black Prince—Color an intensely dark crimson; flowers very large and double. A strong grower and free bloomer. Each from 3 inch pots 35c, postpaid 45c; from 4 inch pots 50c, postpaid 65c.

Captain Christy—A delicate flesh pink, shading to a deeper color at the center, a large, very double and handsomely formed flower. Strong grower and very free. Each from 3 inch pots 35c, postpaid 45c; from 4 inch pots 50c, postpaid 65c.

X Clio—Color flesh-pink, shaded in center with rosy-pink; large globular flowers freely produced and fragrant. A vigorous grower. Each from 3 inch pots 35c, postpaid 45c; from 4 inch pots 50c, postpaid 65c.

Prince Camille de Rohan—Deep velvety crimson-maroon, very double, and splendid form. Considered by many the best of all hardy dark roses. Each from 3 inch pots 35c, postpaid 45c; from 4 inch pots 50c, postpaid 65c.

X General Washington—Large double scarlet flowers. A fragrant Rose, free grower and profuse bloomer. Each from 3 inch pots 35c, postpaid 45c; from 4 inch pots 50c, postpaid 65c.

X Jubilee—A hardy and almost everblooming Rose, flowers extremely large, very double, of a glowing velvety crimson, shaded at the base with a touch of maroon-red. Hardy, a vigorous grower and wonderfully fragrant. Each from 3 inch pots 35c, postpaid 45c; from 4 inch pots 50c, postpaid 65c.

X Ms. John Laing—A beauty—in clear, bright shining pink; every bud with its deeply serrated calyx and close growing foliage becomes an elegant Boutonniere. The open blooms are immense, very full, and borne on long stiff stems. Each from 3 inch pots 35c, postpaid 45c; from 4 inch pots 50c, postpaid 65c.

**General Jacqueminot.**

X General Jacqueminot—Better known as General "Jack" a justly celebrated Rose, with its shapely buds and handsome flowers of rich brilliant velvety crimson, and delicious fragrance. The "Jack" Rose is beloved by all for its all round good qualities. Each from 3 inch pots 35c, postpaid 45c; from 4 inch pots 50c, postpaid 65c.

X Paul Neyron—This is the largest of all Roses, with its flowers of clear bright shining pink, and deliciously perfumed. It is also a most prolific bloomer, and of strong and vigorous growth. Almost thornless, and very hardy. Each from 3 inch pots 35c, postpaid 45c; from 4 inch pots 50c, postpaid 65c.

X Ulrich Brunner—This is a seedling from Paul Neyron with brilliant cherry-red flowers of globular form and immense size. This variety has proven as desirable for garden growing as its parent, and is in great demand in all sections of the country. Each from 3 inch pots 35c, postpaid 45c; from 4 inch pots 50c, postpaid 65c.

Roses for outdoor planting are not shipped until danger from frost is past. Do not, therefore, be surprised, if on an early order for plants in which roses are included, that these are held back from shipment until we feel sure that under ordinary conditions it is safe to plant them.

CLIMBING ROSES**PAUL'S SCARLET CLIMBER**

This is conceded to be the finest red climbing rose yet introduced, and has proven to be exceedingly hardy wherever planted. It is a very free bloomer, of a vivid scarlet, shaded with crimson. The foliage is dark green, and freely produced. We can not recommend this rose too highly. Each from 4 inch pots 75c, postpaid 85c; Each from 6 inch pots, strong vigorous plants \$2.50, postpaid \$3.00. Order early—as our stock of this magnificent climber is limited.

Baltimore Belle—Flowers of a pale blush or pink, passing to white, very double, and borne in clusters in great profusion, making a mass of bloom. Very hardy and one of the best climbers for Montana. Each from 3 inch pots 35c, postpaid 45c; from 4 inch pots 50c, postpaid 65c.

Climbing American Beauty—This comparatively new climbing Rose has proven exceedingly popular in many parts of the country. It is a seedling from the well known American beauty, with a mixture of Tea and Wichuriana blood, and is similar to its parent in size of bloom, color and fragrance. It is almost a continuous bloomer, a vigorous climber, and has proved to be very hardy. Each from 3 inch pots 35c, postpaid 45c; from 4 inch pots 50c, postpaid 65c.

**Dorothy Perkins.**

X Dorothy Perkins—Flowers borne in great profusion in clusters, of a beautiful shade of shell-pink; hold their beauty for a long time; fading to a deep rose, and very fragrant. A splendid climber, of vigorous growth and hardy nature. Each from 3 inch pots 35c, postpaid 45c; from 4 inch pots 50c, postpaid 65c.

CLIMBING ROSES—Continued.

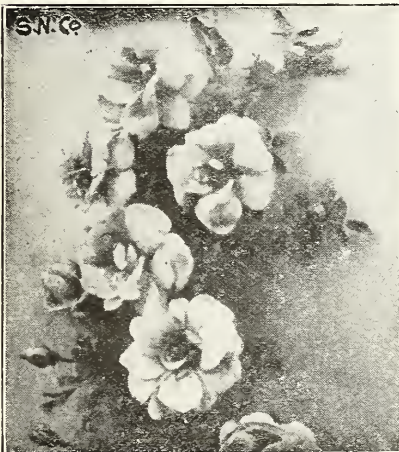
- X Crimson Rambler**—This Rose is extremely hardy and of vigorous growth. It flowers in clusters forming a mass of vivid crimson beauty. Each from 3 inch pots 35c, postpaid 45c; from 4 inch pots 50c, postpaid 65c.
- X Flower of Fairfield**—Another of the same type as the preceding variety, but producing bright crimson flowers in clusters with a white center in each bloom. It is a perpetual summer bloomer and very hardy. Each from 3 inch pots 35c, postpaid 45c; from 4 inch pots 50c, postpaid 65c.
- X Prairie Queen**—Introduced in 1843 this is still a standard favorite. It bears rich rosy-red compact, globular flowers in great profusion, is very hardy, and a strong grower. Each from 3 inch pots 35c, postpaid 45c; from 4 inch pots 50c, postpaid 65c.
- X Lady Gay**—Buds of a deep pink, changing to cherry-red, the open flower finally changing to a creamy white. The blooms are produced in large trusses, and form a mass of beauty from the ground to the top of the vine. It is perfectly hardy. Each from 3 inch pots 35c, postpaid 45c; from 4 inch pots 50c, postpaid 65c.

Baby Ramblers

These Roses are splendid plants for growing in pots for home decoration. Give them all the sun possible in the summer with good soil and drainage. They rarely grow over 20 inches in height, are continuously in bloom and as a class are very hardy.

- X Crimson Baby Rambler**—(Erna Teschendorf)—A dwarf form of the Crimson Rambler, with deep crimson clusters of bloom flushed with crimson. A very free bloomer, and if potted before frost will continue through the winter in the home. Each from 3 inch pots 35c, postpaid 45c; from 4 inch pots 50c, postpaid 65c.
- X Pink Baby Rambler**—(Le Marne)—A dwarf type of bushy habit producing beautiful panicles of bloom the whole summer. Semi-double flowers, bright rose at the edges, rosy-blush inside. Unequaled as a decorative pot plant at any season. Each from 3 inch pots 35c, postpaid 45c; from 4 inch pots 50c, postpaid 65c.

Austrian, or Briar Roses



Persian Yellow.

Harrison Yellow—A fine hardy Rose of double free flowering proclivities. The Austrian or Briar Rose type as a rule do not require much pruning, only to remove the dead and superfluous wood. They are extremely hardy. Field grown plants each \$1.25.

Persian Yellow—A large and very fine single Rose, deep golden yellow, very hardy and very floriferous. Field grown plants each \$1.25.

Roses per doz. where priced at 35c from 3 inch pots \$3.50, postpaid \$3.75; from 4 inch pots priced at 50c, per doz. \$5.00, postpaid \$5.50.

Collection of Roses

We can supply splendid selections of roses specially grown for this season, from 5 inch pots, our selection only, as follows—

Collection No. 1—six varieties \$5.00, postpaid \$5.50.

Collection No. 2—twelve magnificent varieties, our selection only, from 5 inch pots, \$9.00, postpaid \$9.50.

These collections are wonderful rose values, the very best we have ever been able to offer.

LARGE AND SPECIMEN ROSE PLANTS.

In the foregoing list of Roses the varieties which are prefixed X can be supplied in a ONE DOLLAR SIZE. These are magnificent plants, and will produce excellent results.

When SELECT SPECIMEN ROSES are desired, especially where the choice is left to us, we can usually supply SPLENDID SPECIMEN PLANTS at from \$1.50 to \$2.50 each.

Roses for outdoor planting will not be shipped until in our judgment all apparent danger from frost is past.

HARDY PERENNIALS

THE STATE NURSERY AND SEED CO. are the largest growers of these plants in the Northwest. Our collection is today the largest and best in this section, and we are continually adding to the list. With no other class of plant is it possible to have as continuous a display of bloom and beauty with as little effort, from the early spring to frosts of fall, as with Hardy Perennials. A bed or border of these plants, properly selected and arranged, will produce a wealth of bloom almost from snow to snow. In the climate of Montana, there is no question but that they are the best class of plants for those who desire a profusion of bloom for the garden, with the least expenditure of effort. Give them any ordinary good soil, enriched with well decomposed fertilizer, and occasional watering through the summer. As soon as the first killing frosts have killed the growth, remove the dead tops and if convenient cover the bed with a mulch of dry leaves, or straw, though this is not absolutely necessary. A good mulch of well rotted fertilizer in the early spring, and spaded lightly into the border will also aid in giving them the necessary stimulus to bring out their best effort for your pleasure.



A Bed of Achillea.

ACHILLEA

A. Millefolium Roseum—A pink flowered variety with very finely cut foliage, bearing its flowers in compact heads. Twelve to twenty inches. A continuous summer bloomer.

A. The Pearl—A well known form of this flower, with handsome double flowers, blooming very early, and with good keeping qualities when cut. 2 feet.

Young plants, either variety each 20c, postpaid 25c. per doz. \$2.00, postpaid \$2.25. Large field grown clumps of either of the above two varieties, each \$1.00 & \$2.00.

AEGOPODIUM PODOGRARIA VARIEGATUM—(Goutweed)

A splendid hardy perennial, with large variegated foliage, always attractive. The flower stems are from two to three feet in height, bearing large compact heads of white flowers. Absolutely hardy. Strong young plants each 20c, postpaid 25c; per doz. \$2.00, postpaid \$2.25; Large field grown clumps each \$1.00 and \$2.00.

ALYSSUM SAXATILE—(Gold Tuft.)

One of the most useful plants either for rockery or border. Produces large flat heads of yellow flowers in May and June. One foot. Strong young plants each 20c, postpaid 25c; per doz. \$2.00, postpaid \$2.25; Large field grown clumps each \$1.00 and \$2.00.

ANCHUSA ITALICA.

Dropmore Variety—Very free flowering plants of a branching habit, with flowers of a gentian blue, and very attractive. Almost continuous bloomer in this section after June. 3 feet. One of the very best hardy perennials of its color. Strong young plants each 20c, postpaid 25c; per doz. \$2.00, postpaid \$2.25; Large field grown clumps each \$1.00 and \$2.00.

AQUILEGIA—(Columbine)—See Cut Next Page.

One of the most satisfactory of hardy perennial plants, producing beautiful spurred flowers on stiff stems. Should be given a sunny position, but succeeds in almost any soil or location.

Canadensis (Common American Columbine)—The native bright red and yellow variety.

Chrysantha (Golden Columbine)—Bright yellow, long spurred flowers.

Coerula (Rocky Mountain Columbine)—Bright blue and white long spurred flowers.

Helena—A hybrid with large blue flowers and expanded pure white corolla.

Nivea Grandiflora—Fine pure white.

Long Spurred Hybrids—Mixed colors.

Strong young plants Each 20c, postpaid 25c; per doz. \$2.00, postpaid \$2.25.

Large field grown clumps of Chrysantha and Long spurred Hybrids only, each \$1.00 and \$2.00.

**Aquilegia** (See page 27.)**ARABIS ALPINA—(Rock Cress.)**

A very early flowering carpet-like plant valuable for rockery and edging. It forms a dense carpet, and is literally covered with white flowers. Each 20c, postpaid 25c; per doz. \$2.00, postpaid \$2.25.

**HARDY ASTERS**

Hardy Asters—These beautiful hardy perennials must be seen to be appreciated. Growing from 2 to 3 feet high they are covered late in the fall with myriads of single blooms, and exceedingly useful for cut flowers.

Lillian Fardell—Rosy Pink.

White Climax—A beautiful white.

Climax—A fine deep blue.

Feltham Blue—Considered one of the best.

Amarantha—An Amaranth red, very fine.

Fraecox—Rosy purple.

F. W. Raynor—Fine pink; growing about 2 feet high, very bushy habit.

Early White—Early Pink—The early white and early pink are earliest to bloom of these valuable hardy plants, flowering about three weeks earlier than the other varieties listed. Each 20c, postpaid 25c; per doz. \$2.00, postpaid \$2.25; large field grown clumps each \$1.00 and \$2.00.

BLEEDING HEART—(See *Dielytra*, page 30.)

BOLTONIA—(False Chamomile.)

Among the most showy of our hardy perennial plants, with large single flowers, resembling a single Aster, and borne in great profusion. Three to four feet.

B. Asteroides—Pure white.

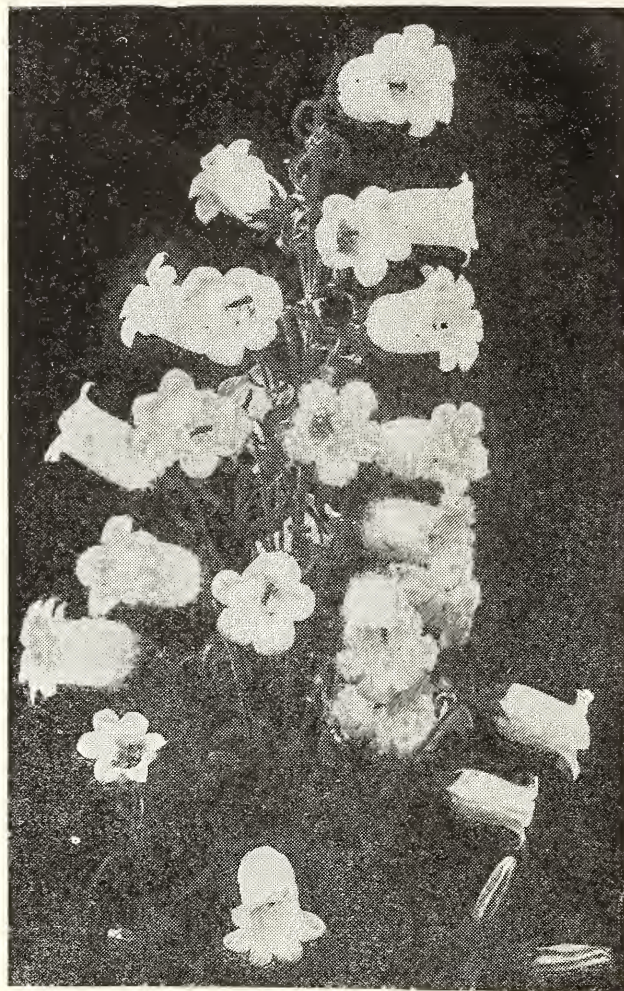
B. Latisquama—Pink tinged lavender.

Each 20c, postpaid 25c; doz. \$2.00, postpaid \$2.25.

Cerastium Tomentosum—(Snow in Summer.)—A very desirable plant for covering as with a white carpet dry, sunny places. Low growing with white foliage and flowers. Very fine for planting on graves. Strong young plants, each 20c postpaid 25c. Per doz., \$2.00; postpaid \$2.25. Large field grown clumps—each, \$1.00 and \$2.00.

**A bed of Cerastium.**

COLUMBINE—(See *Aquilegia*.)

**Campanula Media—(Conterbury Bells.)****CAMPANULA.**

Do best in a good rich soil and planted in a half shady place. They are indispensable as border plants. The taller varieties should be staked and all the flowers cut immediately upon fading.

Media—Single in colors of dark blue, white, light blue and rose.

Calycanthemum (Cup and Saucer Canterbury Bells)—They differ from most of the varieties in that the calyx is the same color as the flower, giving it the appearance of the cup and saucer. We offer them in the following shades: Delicate rosy pink, clear blue, dark blue and pure white.

Pyramidalis (The Chimney Bell Flower)—Blue salver-shaped flowers. 3 to 5 feet. Each 20c, postpaid 25c; per doz. \$2.00, postpaid \$2.25.

CANDYTUFT, HARDY—(See *Iberis*, Page 31.)

CENTAUREA.

Centurea Montana—The Perennial Cornflower. A very handsome hardy perennial, bearing blue and white flowers, growing about 18 to 24 inches. Mixed—blue and white—each 20c, postpaid 25c. Per doz. \$2.00 postpaid \$2.25.

COREOPSIS.

C. Lanceolata Grandiflora—A popular plant everywhere. It bears golden yellow blooms in great profusion, valuable for cut flowers, and lasting well into fall. Two feet. Strong young plants each 20c, postpaid 25c; per doz. \$2.00, postpaid \$2.25; Large field grown clumps each \$1.00 and \$2.00.

**CHRYSANTHEMUM MAXIMUM.**

The profusion of bloom when the rest of the garden is destroyed by frost keeps them well to the front as a favorite.

Chrysanthemum Maximum—The old variety daisy and does exceptionally well in Montana.

C. Maximum King Edward VII.—A splendid daisy. Beautiful for cut blooms, two or two and a half feet high.

C. Maximum. The Speaker—Another fine variety—the cut blooms last a long time.

C. Inodorum—Bridal Robe. A well known handsome double variety, very hardy and will succeed anywhere. Strong young plants each 20c, postpaid 25c; per doz. \$2.00, postpaid \$2.25; large field grown clumps each \$1.00 and \$2.00.



Shasta Daisy.

C. Shasta Daisy—"Alaska"—(Burbank's Improved) Something new in shasta, and very fine.

C. Shasta Daisy—"Market Favorite"—This comparatively new type of the Shasta Daisy has leaped into popular favor, especially when grown for cut flowers. In this field it has no equal.

C. Uliginosum—Grows 2 to 3 feet high, covered with large Marguerite-like flowers. The individual flowers are often 4 to 5 inches across and borne on a good stiff stem. One of the very finest of the species.

Strong young plants each 20c, postpaid 25c; per doz. \$2.00, postpaid \$2.25; large field grown clumps each \$1.00 and \$2.00.

DELPHINIUM—(Larkspur.)

These magnificent flowers are easily one of the very finest Hardy Perennials for the Northwest. The long graceful spikes of bloom are very valuable for cutting, and many of them harmonize wonderfully with other cut flowers.

**Delphinium—(Larkspur.)**

A splendid perennial plant with its wonderful shades of blue. They are easily grown, but only well rotted fertilizer must be used to get the best results. Bonemeal worked into the soil around the roots is very beneficial. By cutting off the flower stalks as soon as the blooms mature and begin to fade a second and often a third crop of blooms will be secured.

Bella Donna—Torquoise blue.

Formosum—The old standard blue.

Dusky Monarch—Light purple with black center, large semi-double.

W. S. McClellan—Tall, with semi-double flowers, very dark violet, shaded white in center.

Baby Boy—Flesh color, with light sky blue edges, semi-double.

Geraldine Kelway—A tall variety with pale azure-blue flowers, single.

Fine Mixed Hybrids, in shades of blue and lavender.

Strong young plants each 25c, postpaid 30c; dozen \$2.50, postpaid \$3.00. Large field grown clumps—mixed Hybrids only—each \$1.00 and \$2.00.

**DIANTHUS BARBATU S—(Sweet William.)**

(See Next Page.)

DIANTHUS—(Sweet William.)

One of the most popular of outdoor bedding plants, throwing strong stems of brilliantly colored blossoms. During the period of their blooming the foliage is completely hidden by masses of attractive blossoms.

D. Latifolius Atracoccineus—(Everblooming Hybrid Sweet William.) A beautiful summer bedding variety producing masses of brilliant, fiery crimson flowers throughout the entire season.

Holborn Glory—This is a large flowered selection of the auricula-eyed section, the most beautiful and admired of all Sweet Williams.

The standard varieties are old time favorites in colors of Scarlet, Crimson, Violet, Red, White, Pink.
Each 20c. postpaid 25c; per doz. \$2.00, postpaid \$2.25.

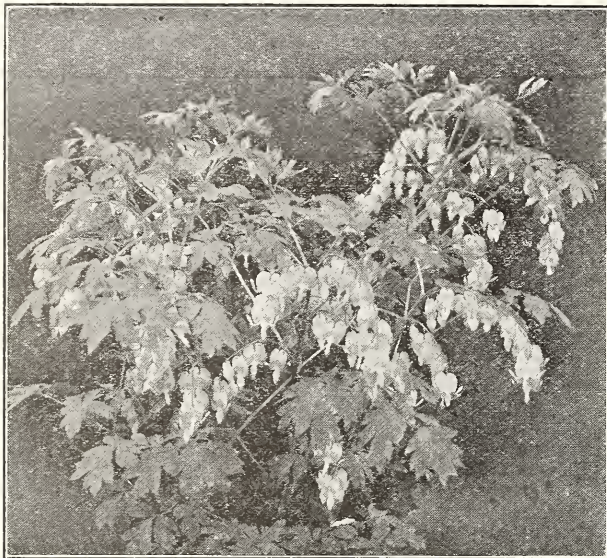
DORONICUM EXCELSIUM—(Leopard's Bane.)

Splendid for cut flowers, having a good long stem, and will last a long time in water; will thrive almost anywhere. Pretty orange yellow. Very early.

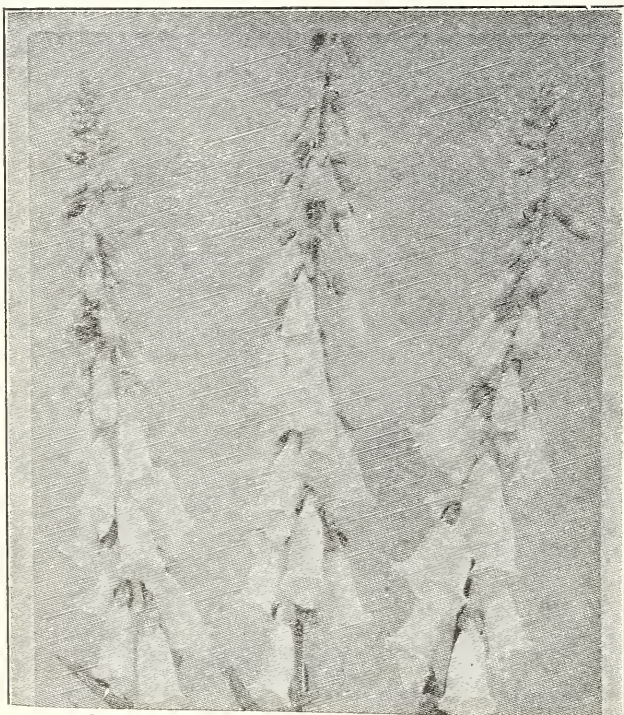
Each 20c. postpaid 25c; per doz. \$2.00, postpaid \$2.25.

Strong young plants each 20c. postpaid 25c; per doz. \$2.00, postpaid \$2.25.

Large field grown clumps, each \$1.00 and \$2.00.

**DIELYTRA—(Bleeding Heart.)**

Dielytia Spectabilis—(Bleeding Heart)—A very old favorite and increasingly planted. Can be planted in almost any part of the garden and stands out prominently. Especially serviceable for planting in the shade. Very scarce this season.
Each 35c. postpaid 50c. Larger field grown clumps \$1.00, postpaid \$1.15.

**DIGITALIS—(Foxglove.)****DIGITALIS—Continued.**

While in bloom these dignified and stately stalks, with their luxuriant foliage, seem to dominate the whole garden.

Gloxinaeflora—A beautiful strain of finely-spotted varieties in beautiful colors of white, purple, rose and lilac.

Grandiflora—Showy flowers of pale yellow, veined brown, spotted varieties.

Monstrosa—This variety in mixed colors is claimed to be the largest flowered of the genus, and very showy. Each 20c. postpaid 25c; per doz. \$2.00, postpaid \$2.25.

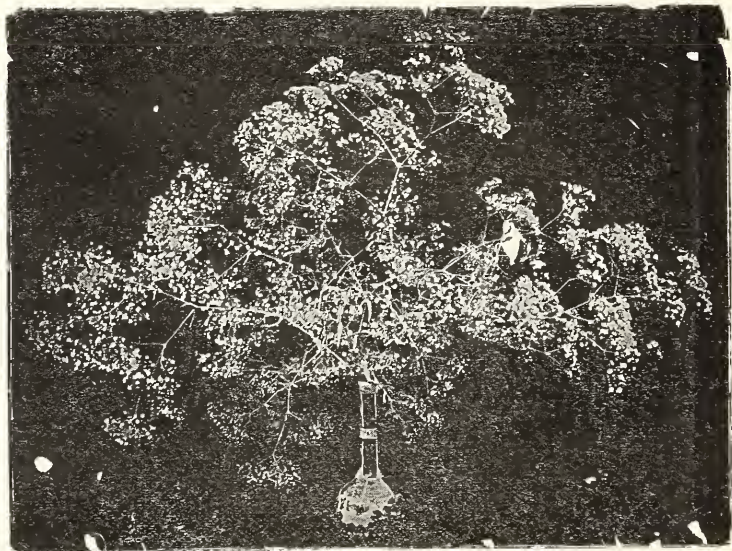
**GAILLARDIA—(Blanket Flower.)**

One of the most beautiful of perennial plants and most popular for cutting. The center of the blossom is a dark red-brown with beautiful markings of brilliant crimson, orange and vermillion, and occasionally a combination of all in the one flower.

Gaillardia Grandiflora—A refined and attractive flower of a beautiful yellow and orange color; sometimes marked with a maroon shade. Each 20c. postpaid 25c; per doz. \$2.00, postpaid \$2.25. Large field grown clumps each \$1.00 and \$2.00.

Nepeta (Glechoma) Hederacia Variegata—Variegated Ground Ivy. A most useful variegated creeper for borders or for covering graves and shady places. Also makes a pretty hanging basket plant. Each 20c. postpaid 25c; doz. \$2.00, postpaid \$2.50.

Nepeta Mussini—A continuous summer blooming variety with mauve flowers, growing about 8 inches tall.
Each 20c. postpaid 25c; per doz. \$2.00, postpaid \$2.50. Large field grown clumps Mussini only each \$1.00 and \$2.00.

**GYPSOPHILIA—(Baby's Breath.)**

The Gypsophilas with their attractively arranged masses of minute flowers should be in every garden. If cut and dried will retain its beauty for months, providing decorative material of the very best.

Paniculata—The popular old-time Gypsophila, much admired for its feathery appearance.

Paniculata Flore Pleno—A double variety of the above equally useful for cut flowers. Each 20c. postpaid 25c; per doz. \$2.00, postpaid \$2.25. Large field grown clumps—Paniculata only—each \$1.00 and \$2.00.

HELENIUM—(Sneeze Wort.)

Riverton Beauty—Striking colored blooms, lemon yellow and purplish black.

Riverton Gem—Old Gold, changing to wallflower red.

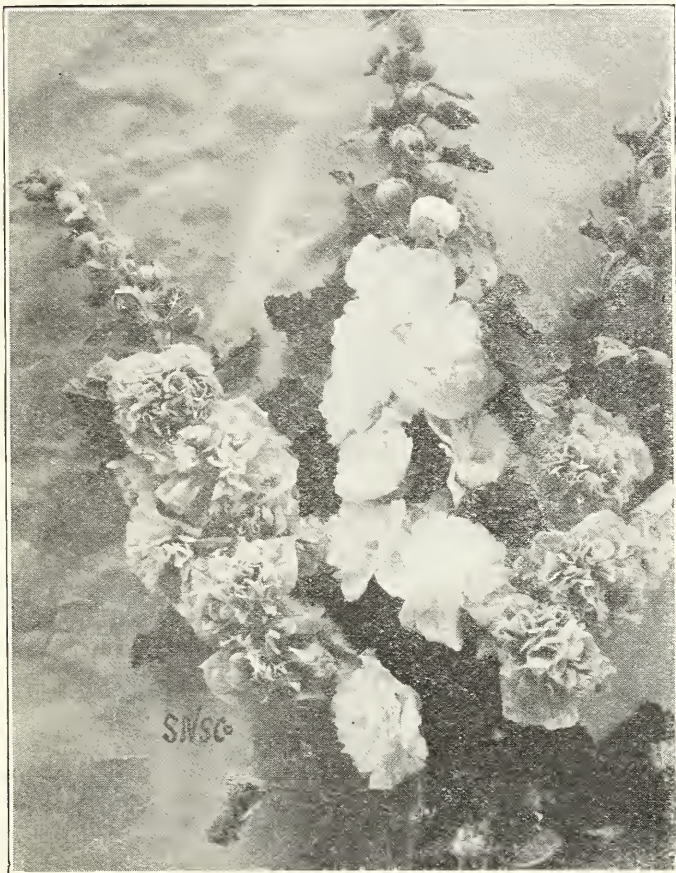
HELIOPSIS—(Orange Sunflower.)

A valuable addition to the hardy border, for cut flower purposes, blooming earlier than the sunflowers, and rarely exceeding three feet.

H. Pitcheriana—Flowers about two inches in diameter, double, of a deep golden yellow. Continuous in bloom the entire summer. A splendid cut flower. Each 20c, postpaid 25c; per doz. \$2.00, postpaid \$2.25.

HEUCHERA—Coral Bells.

Heuchera—Coral Bells or Alum Root—A splendid hardy perennial, with flowers of a bright red coral color. Excellent for cutting. Each 20c, postpaid 25c.



Hollyhocks.

HOLLYHOCKS

Our careful and scientific selection has resulted in the production of an unequalled strain of this magnificent plant in the best shades of color known, with colossal spikes of bloom, lasting and blooming until frosts put a check on their wonderful vitality and growth. Used as individuals well back in the hardy border, or dotted here and there amongst a bed of hardy shrubs, which they brighten with their brilliant spikes of gorgeous color after the shrubs are through flowering for the season, or as a hedge at the rear of a bed of hardy perennials, they cannot be surpassed. The strain we offer must be seen to be appreciated, with flowers whose petals seem as if made of the finest China silk. Give them a well fertilized soil with well rotted manure, deeply spaded, sufficient drainage, a plentiful supply of water in the growing season, and success is assured in any location. Their enormous sale every season proves their popularity.

DOUBLE WHITE
DOUBLE DEEP ROSE
DOUBLE CRIMSON
DOUBLE MAROON

DOUBLE PINK
DOUBLE BLOOD RED
DOUBLE SALMON
DOUBLE YELLOW

EACH 25c, postpaid 30c; Dozen \$2.50, postpaid \$3.00.

IBERIS (Hardy Candytuft)

A most desirable hardy dwarf evergreen plant flowering very early in the spring, and literally covering the foliage with dense heads of bloom. Ten inches.

Iberis Sempervirens—Pure white, innumerable flat heads of bloom.

Iberis Gilberaltica—A very free flowering variety with white flowers shading to lilac.

Each, 20c, postpaid 25c; per doz. \$2.00, postpaid \$2.25.

IRIS (Fleur-de-Lys)



IRIS.

We are the most extensive growers of Iris in this section, and our collection embraces the finest varieties of the type known. Extremely valuable as cut flowers, the only rivals of the Orchids in beauty and wealth of delicate coloring, the varieties we offer would hardly be recognized as the scientifically developed descendants of the old time "yellow and purple flag." They are of easy culture, extremely hardy, and will succeed anywhere. "S" indicates the "Standards" or upper petals, and "F" the "Falls" or lower petals.

Black Prince—(Kochi)—(S) Purple Lilac; (F) rich velvety black.

Celeste—(S & F) Azure blue. Thirty inches.

Chalcedonica—(S) Light mauve; (F) Purple. Thirty inches.

Crimson King—(S & F) Rich crimson purple. Twenty-eight inches.

Florentina Alba—(S & F) Creamy white flushed with lavender. Very fragrant.

Khedive—(S & F) Beautiful soft lavender. Thirty inches.

Madame Chereau—(S & F) white, edge of petals frilled with blue.

Flumeri—(S) Coppery rose; (F) Velvety claret. Tall.

Purple Queen—(S & F) Large deep purple. Very early.

Queen of May—(S & F) Soft lilac or lavender pink. The nearest pink in Iris. Very beautiful.

Any of the above varieties 20c each, postpaid 25c.

The Collection—No. 1, of the above ten varieties—one of each—for \$1.50, postpaid \$1.75.

Darius—(S) Rich canary yellow; (F) Lilac margined with white. Twenty-four inches. Very choice.

Gypsy Queen—(S) Old Gold shaded with pearl; (F) Black maroon, reticulated with light yellow. Late, twenty-four inches.

Her Majesty—(S) Lovely rose-pink; (F) Bright crimson tinted with a brighter shade. A most beautiful variety.

Lady Jane—(S) Coppery rose; (F) Madder red, netted with white, a rare color in Iris.

Pallida Dalmatica—(S) Lavender; (F) Clear deep lavender. Flowers extra large and fine, one of the best.

Dr. Bernice—(S) Coppery bronze; (F) Rich velvety crimson. Very large blooms and very beautiful.

Any of the above six varieties 25c each, postpaid 30c.

The Collection No. 2 of the six varieties—one of each—\$1.30, postpaid \$1.50.

Iris Tingitana—This is a bulbous Iris, perfectly hardy, with very large blooms, of a rich deep blue, with spots of a deeper purple. A splendid variety for use as cut flowers. Each 25c, postpaid 30c.

LATER INTRODUCTIONS.

Caterina—(S) A lavender clear light blue; (F) Lilac blue. Tall, with branching stems. Forty-eight inches, a new variety and still scarce. Each 50c, postpaid 60c.

Iris King—(True)—(S) Coppery yellow; (F) Crimson bordered with yellow. A very large flower and scarce. Twenty-four inches. Each 50c, postpaid 60c.

New Japanese Iris—See Next Page.

JAPANESE IRIS (Iris Kaempferi)

The Japanese Iris are a magnificent type of this justly favorite and hardy flower. They come into bloom about the middle of June, lasting for some six weeks in flower. Their foliage is very similar to the Fleu-de-Lys, but the flower is of a different form, the lower petals pointing straight outward—and with very short standards. This gives them a large flat bloom in appearance, and together with their rich colorings produce a most striking effect. They are splendid subjects for cut flowers, and to get the best results should be cut in bud—just before opening, and allowed to open in water. They will succeed in almost any soil and location, but like a rich soil, with plenty of water, especially when developing their flowers.

Yomo-No-Umi—Very fine free flowering creamy white, with six petals.

Gosetsu-Mai—Ground color white, veined and traced with aniline blue. Six petals.

Rinho—A rich lively purple, six petaled flower.

Renjo-No-Toma—Light violet with white veins, six petals.

Gei-Sho-I—Bright crimson purple with white veins, and a small white halo. Six petaled flowers.

Sagami—Rich royal purple, very striking. Three petals.

Shuchiukwa—Crimson purple with large white veins and white centre. Very effective.

Each 50c, postpaid 55c. The collection of the above seven superb varieties \$3.00, postpaid \$3.25.



EVERLASTING SWEET PEA

(Lathyrus)

This is a hardy perennial vine, growing to a height of about 3 to 4 feet, and after it once gets established, makes a thick screen or hedge, if given support. They are very free bloomers, bearing flowers much resembling Sweet Peas, hence the name—“EVERLASTING SWEET PEA”. Of very easy culture, and will succeed anywhere. In colors of red, white and pink, each, one year old plants 30c, postpaid 40c. These should bloom this season.

HARDY LILIES



Hemerocallis Fulva.

HARDY LILIES—Continued.

HEMEROCALLIS.

The Hemerocallis—or as they are often called, Day Lilies—are perfectly hardy and one of the most easily grown and showy perennials.

Hemerocallis Fulva—(Tawney Day Lily)—This variety grows from 4 to 5 feet high, bearing profusely trumpet shaped flowers of a neutral orange color, with darker shadings. Blooms in June and July. Strong young plants, each 25c, 50c, postpaid 35c, 60c. Large field grown slumps each \$1.00 and \$2.00.

Tiger Lily—Very large flowers, orange and black. Very floriferous, perfectly hardy, and should be in every garden. Each 25c, postpaid 30c; dozen \$2.50, postpaid \$2.75.



Lily of the Valley.

LILY OF THE VALLEY—(Convallaria Majalis.)

Do not put this beautiful flower in some corner and leave it to literally starve. Give it a liberal mulch of well rotted fertilizer in the fall, or as early in the spring as possible, and note the wonderful beauty with which it will repay you for the attention.

Lily of the Valley—Roots (pips) of this great favorite. Each 10c, doz. \$1.00; Each postpaid 15c, doz. \$1.25.

L. Candidum (Madonna, St. Joseph's or Annunciation Lily)
—Large white flowers, fragrant, and perfectly hardy.
Bulbs, each 50c;
doz. \$5.00.
Bulbs, each
postpaid 60c;
doz. \$5.50.

Lythrum Roseum
—(Loosestrife)
A very pretty hardy perennial, growing from 2 to 3 feet high, and bearing spikes of Rosy Pink flowers in great profusion, from July to September.
Each 20c, postpaid 25c.



Madonna Lily.

Manhattan, Mont., Aug. 15, 1923
State Nursery and Seed Co.

Helena, Mont.

Gentlemen:—I want you to know what wonderful Sweet Peas I have from your seeds, and methods. Many have said they were the largest they ever saw. You may expect further orders from me.

Yours truly,
Mrs. Floyd Stoner.



Lychnis Chalcedonica—Brilliant scarlet flowers in June and July. Commonly called "Jerusalem Cross."

Lychnis Alba—A beautiful pure white form of the above, and a splendid companion to it.

Either variety—Strong young plants, each 20c, postpaid 25c. Per doz. \$2.00, postpaid \$2.25. Large field grown clumps, each \$1.00 and \$2.00.

LYCHNIS CHALCEDONICA (Ragged Robin or Jerusalem Cross.)

PENTSTEMON.

A most useful showy perennial, either for mass planting, the rockery or border work. In some respects they rival Phlox, Petunias, etc., especially for bedding purposes.



Pentstemon.

P. Barbatus Torreyi—Scarlet spikes, height 3 feet.

P. Pubescens—Rosy purple, either variety each 20c, postpaid 25c. Per doz. \$2.00, postpaid \$2.25. Large field grown clumps each \$1.00 and \$2.00.

PHYSOSTEGIA

(Virginia Heather)

One of the most beautiful of the Hardy Perennials forming dense clumps four to five feet high, with long spikes of tubular pink flowers, like a gigantic Heather, and very valuable for cut flowers.

Each 20c, postpaid 25c. Per doz. \$2.00, postpaid \$2.25. Large field grown clumps each \$1.00 and \$2.00.

PYRETHRUM

Too much cannot be said about this superb perennial, which will thrive under almost any conditions. Splendid for cutting, lasting a week in good condition.

Hybridum, Mixed (Single)—In the choicest shades of red and pink. June flowering. Strong young plants each 20c, postpaid 25c; large field grown clumps each \$1.00 and \$2.00.

Terry, Mont., June 4, 1923

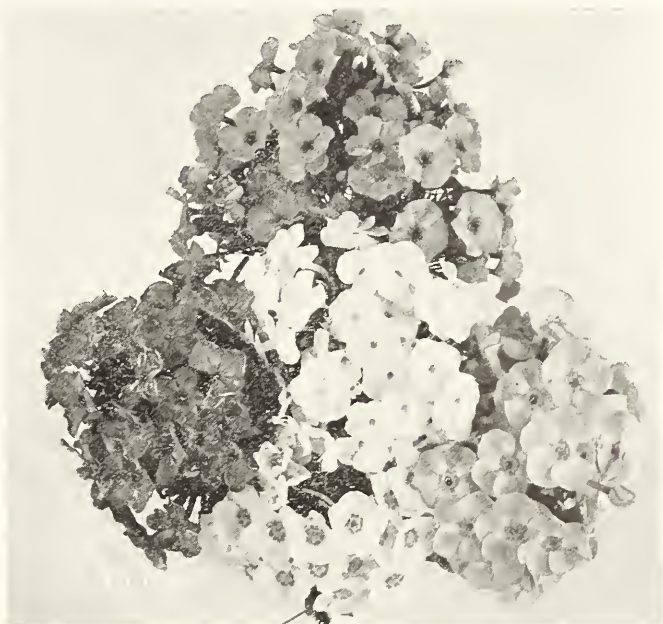
State Nursery and Seed Co.,
Helena, Montana.

Gentlemen:—My order for Crimson Rambler rose No. 314852 came duly to hand, and I want to congratulate you on the way you pack and get goods to customers. The blossoms never came off, and after careful setting out it has not wilted in any way.

Very truly yours,

H. G. Otis.

HARDY PERIENNIAL PHLOX



Upper centre—Drago; Centre—P. G. Von Lassburg; Lower Centre—Bouquet de Fleurs; Left—Vesuvius; Right—De Miribel.

This is one of the hardy perennials in which we have been selecting and specializing for several years, until we have secured a collection that has no equal in the Northwest, well tested for hardiness, beauty of bloom and free flowering proclivities. The large beds of these—in the open field—are the admiration of every visitor to our nurseries in their season, and until the early frosts prevented their blooming longer, were a kalidescope of wonderful color.

HARDY PHLOX.

P. G. Von Lassburg—The purest and largest white known.

Geo. A. Strohleim—Bright scarlet with crimson red eye.

Edmund Rostand—Reddish violet, shading brighter toward the center of petals.

Siebold—Bright scarlet and one of the very best of its class.

Vesuvius—Red with bright purple eye. Quite showy.

Von Hochberg—The finest crimson.

Elizabeth Campbell—Very bright salmon pink with dark red eye

Pantheon—Bright carmine rose.

R. P. Struthers—Bright rosy carmine, with claret red eye.

De Miribel—White suffused with rosy scarlet; crimson eye.

Bouquet de Fleurs—White, with a cherry eye.

Miss Lingard—A grand early dwarf white variety.

Drago—Light red with dark eye.

Elegantissima—A large flowered early white.

Verdi—A beautiful rosy-pink.

Jefferson—Bright rosy-pink with a deep red eye. A tall robust grower.

Hyon—A strong grower, reaching about 2 feet in height; Color a rosy lavender with white lines radiating from a white eye.

Fred Garth—Pale pink with large crimson eye. A strong grower.

Each 20c, postpaid 25c; per doz. \$2.00, postpaid \$2.25. Large three-year-old clumps from the open field each \$2.50, postpaid \$3.00.

New Hardy Pinks



HARDY PINKS.

Dianthus Allwoodii—New

This is a new race of Hardy Pinks, being a hybrid between the old fashioned garden pink and the continuous flowering carnation type. They possess the free and continuous flowering qualities of the Carnation, as well as the hardiness and fragrance of the old time Garden Pink. They are a decided acquisition to our list of hardy plants, and will become one of the most indispensable plants for the hardy border as they get known to our customers in this section. We offer four splendid varieties.

Harold—A large double pure white, of wonderfully symmetrical form, of great substance, the flowers being borne on about 18 inch stems, enhancing its decorative value.

Phyllis—A delicate lilac with light maroon center of light symmetrical form. The flowers are borne in the greatest profusion, and are very strongly scented.

Robert—A very free flowering semi-double variety—color a delicate shade of old rose, with a light maroon center, very large flowers.

Mary—A very large full flower—often measuring two inches and over, smooth edged petals and compact form. Has an exceptionally strong stem. Color a light rose pink with maroon center. Each 25c, postpaid 30c. The collection of four superb varieties 80c, postpaid \$1.00.

OLD FASHIONED HARDY PINKS.

These are the old time Spice or Clove Pinks, and are indispensable for edging the hardy border, and also make beautiful independent beds. Their fragrance is delightful, are most excellent cut flowers, and will grow and succeed anywhere.

Homer—Rosy red with pink center.

Her Majesty—Large pure white flowers. Very fine.

Juliette—White laced crimson.

Swan—An everblooming white.

Each 20c, postpaid 25c; per doz. \$2.00, postpaid \$2.25. Large field grown clumps each \$1.00 and \$2.00.

ORIENTAL POPPIES

These really wonderful Perennial Poppies with their rich and gorgeous coloring stand out during their flowering season pre-eminently above all other flowers. Their large blooms—perhaps the largest of any of the hardy perennials—with their brilliant colors will attract the attention of any flower lover at a great distance. They are of the easiest culture, almost any kind of good soil suits them, though they prefer a rich deep loam. Give them water freely—especially during the flowering period.

ORIENTAL POPPIES—Continued.



True Oriental Poppy—(Papaver Orientale).

Oriental King—Large size, rich crimson.

Princess Victoria Louise—Salmon pink.

Goliath—A large flowered bright scarlet of strong growth. Strong young plants each 25c, postpaid 30c; per doz. \$2.50, postpaid \$2.75; Large field grown clumps each \$1.00 and \$2.00.



Iceland Poppies.

(*Papaver Nudicaule*)

Iceland Poppies—These plants give a profusion of cup-shaped flowers throughout the entire season and are very useful for cutting. Colors white, yellow and orange, mixed.

Each 20c, postpaid 25c; per doz. \$2.00, postpaid \$2.25.

PLATYCODON.

(Balloon Flower—or Japanese Bell Flower.)

The Platycodon are closely allied to the Campanula or Canterbury Bells. They form neat branched bushes of upright habit, growing about eighteen to twenty-four inches in height. They bear blue or white flowers in great profusion from July to September or October. A splendid plant for the hardy border.

P. Grandiflorum—Deep blue, cupped, and star shaped flowers. Each 20c, postpaid 25c.

SAPONARIA.

Saponaria Officinalis Flore Pleno—Double flowered Bouncing Bet. A double pink and white flowered hardy perennial, growing 12 to 18 inches. A splendid border plant. Each 20c, postpaid 25c.

SEDUM SPECTABILE.

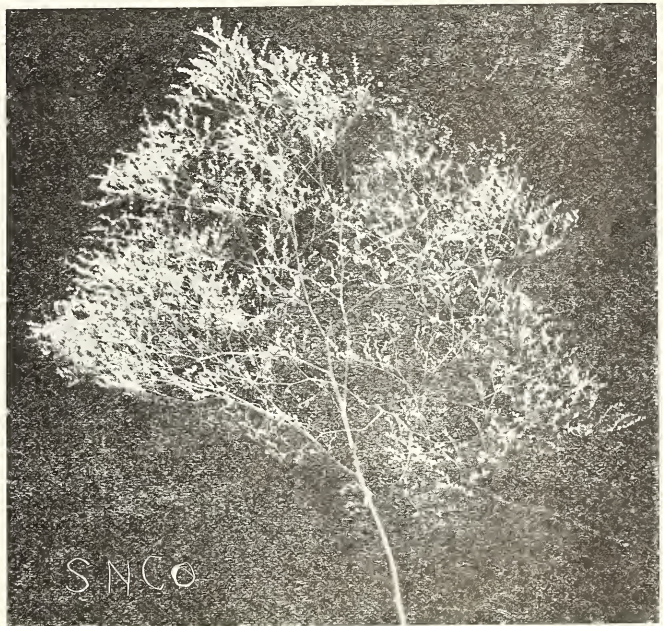
One of the finest of erect growing species of the "Stone Crop" family. It attains a height of 18 inches, with broad light green foliage, and bears immense showy heads of rose colored flowers. A wonderful late fall blooming hardy plant. Each 25c, postpaid 30c.



Platycodon.

**SCABIOSA JAPONICA.**

One of the handsomest of the hardy perennials, bearing on long wiry stems beautiful artistic lavender blue flowers. A fine cut flower, 18 to 24 inches. Each 20c, postpaid 25c; per doz. \$2.00, postpaid \$2.25.

**STATICE LATIFOLIUM****STATICE—(Great Sea Lavender) (Limonium).**

S. Latifolium—A noble plant for the hardy border. Produces clumps of leather-like leaves, with heads of bloom which frequently measure 24 inches across, covered with small flowers and lasting until frost. The flower sprays when cut and allowed to dry will keep in almost their fresh cut appearance for months. We cannot recommend this valuable hardy perennial too highly, not only for its appearance in the hardy border, but also for the wonderful keeping and decorative qualities when cut and dried.

S. Sinuata—Another splendid variety, with purple flowers, larger than those of *S. Latifolia*, and also a splendid subject for cutting and drying for decorative purposes in winter. Strong young plants each 25c, postpaid 30c; per doz. \$2.50, postpaid \$2.75. Large field grown clumps either variety each \$1.00 and \$2.00.

SHASTA DAISY—See *Chrysanthemum Maximum*, Page 28.

SWEET WILLIAM—(See *Dianthus*, Pages 28-29.)

SEE INDEX—LAST PAGES OF CATALOG FOR FULL LIST OF CONTENTS.

**RUDBECKIA—(Golden Glow).**

Golden Glow—Is too well known to need a lengthy description. Perfectly hardy, and will succeed anywhere. Its rich Golden Yellow colored spikes of flowers reach a height of 4 feet. Each 35c, postpaid 40c.

VALERIANA OFFICINALIS—(Hardy Garden Heliotrope.)

A fine hardy plant, with very showy heads of bright rose flowers, produced in great numbers on stems about three feet high, heliotrope scented. A constant bloomer until frost.

Valeriana Officinalis Alba—A handsome white variety, of similar habit and growth. A very free and fragrant bloomer. Strong young plants either variety each 25c, postpaid 30c; per doz. \$2.00, postpaid \$2.25; Large field grown clumps each \$1.00 and \$2.00.

VERONICA SPICATA.

This well known "Speedwell" is one of the best of the genus, bearing long spikes of blue flowers from July until the early frosts. One to two feet.

Strong young plants each 25c, postpaid 30c; per doz. \$2.00, postpaid \$2.25; Large field grown clumps each \$1.00 and \$2.00.

**SWEET ROCKET—(Hesperis.)**

Strong growing perennials, forming bushy plants 3 to 4 feet high. Well known, and very valuable for cut flowers. Will succeed in almost any position, bearing large spikes of blooms, varying from white to lilac in color.

Each 20c, postpaid 25c; per doz. \$2.00, postpaid \$2.25.

THALICTRUM DIPTEROCARPUM—(Meadow Rue.)

This beautiful hardy plant is too little known. It is a real gem for the hardy border, and its graceful sprays of Violet flowers brightened with a bunch of yellow stamens, are invaluable for cutting. Four feet. Each 50c, postpaid 60c.

VINCA (or Periwinkle.)

V. Minor—Also known as Trailing Myrtle. This pretty evergreen is extensively used for covering graves, producing in the spring an abundance of blue flowers. Each 50c, postpaid 65c.

V. Minor Argentea Variegata—This new introduction is of the same habit as V. Minor, equally as hardy, but has beautifully silver edged foliage. A most valuable acquisition. Each 50c, postpaid 65c.

VIOLA.

Viola Cornuta—A hardy and beautiful plant with flowers similar to a very large violet, rich blue in color. Very useful for cutting. Each 20c, postpaid 25c.

**EULALIA JAPONICA.**

(Miscanthus Sinensis Variegatus)

A handsome hardy variegated grass—lending a touch of color and tone to any hardy border. Its green and white variegated foliage blend in well with either hardy shrubs or perennials. Each 25c, postpaid 30c.

**A FIELD OF PEONIES IN BLOOM IN OUR NURSERY.**

This gorgeous display of color is a wonderful sight, and one that attracts a large number of visitors to our grounds yearly.

PEONIES

These old-time favorites are more than ever claiming the front rank of popularity. The new varieties introduced in recent years with their great variety of exquisite colors and such perfect flowers possess a striking individuality, and planted singly or in groups produce a gorgeous effect. Their only requirements are a good rich soil and a sunny position, which however, is not absolutely necessary as they thrive almost equally well in a partly shaded position. A liberal supply of water during the growing season being sufficient to give an abundance and wealth of flowers, producing a brilliant effect not equalled by any other flower. Whenever possible, Peonies should be planted in late September and October, and not later than May 1st for spring planting, to get best results.

PEONIA OFFICINALIS.

This is the old-fashioned Peony and comes into bloom from ten days to two weeks ahead of the other sorts. All are strong growers, with full fragrant flowers.

Officinalis Rosea—Double rose.

Officinalis Rubra—Double blood red. Each \$1.00 and \$2.00; postpaid \$1.25 and \$2.25.

Officinalis Mutabilis—Pink changing to white.

NEWER VARIETIES.

Baron Rothschild—Deep rose, mid-season. Long stem.

Edulus Superbus—Dark rose with light rose center.

Eugene Verdier—Pink, very full flower.

Felix Crousse—Brilliant red. Each \$1.00 and \$2.00, postpaid \$1.25 and \$2.25.

Ne Plus Ultra—Dark rose, very large.

Queen Victoria—Creamy white, early.

Humei—Deep rose, large fragrant flower.

Rosea Magna—Dark pink, lilac center.

Comata—Very dark red. Each \$1.00 and \$2.00, postpaid \$1.25 and \$2.25.

Festiva Maxima—Creamy white with carmine center.

Lady Bramwell—Silvery rose.

Each (according to size where not priced) 75c, \$1.00, \$2.00, each postpaid 85c, \$1.25, \$2.25. Large field grown clumps, in white, pink and red, each \$3.00 to \$5.00. These cannot be surpassed for value and free flowering.

**FOR FULL LIST OF CONTENTS OF THIS CATALOG—
SEE INDEX—IN LAST PAGES.**

HARDY SHRUBS

Both evergreen and deciduous shrubs are an indispensable part of a well balanced garden. The varieties listed have been proven hardy in this climate, and we are constantly adding to the list, as fast as we determine the hardiness of desirable varieties. Those listed as half-hardy can be grown in this climate successfully with a protection of straw during the winter, the treatment required being the same as described for the winter protection of Roses, on page 23. Not only are hardy shrubs desirable as borders, but very many of them make beautiful specimen plants for the decoration of any lawn, and they are unusually attractive for cemetery planting. A thorough spading of the soil with the addition of well rotted stable manure before planting, and an occasional light cultivation of the surface to keep down weeds, water if in a dry location during the growing season, and a mulch of manure or a light top dressing of bone meal in the fall, are all the requirements that are needed to secure good results. For pruning, very little is required. Shrubs that bloom early in the season should be trimmed immediately after the blooming period is over. Shrubs that bloom late in the season, or fall, should be pruned early in the spring. All that is needed is to keep them trimmed to a symmetrical form, to remove all dead wood, and enough of the surplus wood to insure a good circulation of air and sunshine to all parts of the plant and border. We can usually supply large specimen plants of the varieties listed at a reasonable price. Write for special prices on your requirements in large quantities or specimen plants.

Planting Trees and Shrubs

On receiving Trees unpack without delay, cover the roots with earth and water freely.

The roots should never be exposed to the air after wrapping is removed.

All bruised ends of roots should be trimmed.

When planting do not expose roots by taking more than one tree at a time.

All Trees should be planted about 2 inches deeper than they were at the nursery. (The mark at the base determines this depth.)

Soil should be firmly packed around the roots. This is an essential point.

Complete by well watering.

GUIDE TO PLANTING TREES, SHRUBS, ETC.

30 feet apart each way.....	Trees to Acre	48
25 feet apart each way.....		69
20 feet apart each way.....		108
18 feet apart each way.....		134
15 feet apart each way.....		193
12 feet apart each way.....		302
10 feet apart each way.....		435
8 feet apart each way.....		680
6 feet apart each way.....		1210
5 feet apart each way.....		1742
4 feet apart each way.....		2722
3 feet apart each way.....		4840

BERBERIS THUNBERGII—Japan Barbary.

A splendid hardy shrub, bearing red berries in the late summer and fall. The foliage turns to a rich reddish bronze on the approach of winter. This variety is not a host for the Wheat Rust and is much used for specimen planting and low spreading hedges. Large plants 20 to 24 inches—each \$1.00.

CORNUS—(Dogwood.)

Our Native Dogwood is a very ornamental shrub and in rows it is an effective windbreak. White flowers followed by white berries. Each 50c, postpaid 75c.

DEUTZIA GRACILIS.

A handsome dwarf growing shrub, which actually covers itself with a mass of pure white blooms, borne in racemes, opening before the foliage has time to develop. One of the earliest shrubs to flower. Half-hardy, and requires protection in winter. Each 75c.

ELDERBERRY—(See Sambucus, Page 36.)

HONEY SUCKLE (Bush)



RUSSIAN OR BUSH HONEYSUCKLE.

Residence of Mrs. D. W. Slayton, Lavina, Mont.

The above photograph gives a good impression of the value and beauty of this hardy shrub. It will succeed almost anywhere, is very free flowering and absolutely hardy. The above specimen grown from our stock, amply demonstrates what these shrubs will do in Montana.

Russian, Bush or Tartarian—One of the best shrubs. Many people think it is a vine, but it is a distinct shrub as much as a Lilac is. If you have not seen this, we strongly recommend it to you. For planting against a wall or anything to be hidden it is unsurpassed. For hedges it is also of great service. During the Spring months it is entirely covered with white and pink blossoms. It rivals the Lilac in beauty and excels it in hardiness. Each 50c and \$1.00. Large specimens \$2.00.



LILACS AND TULIPS.

Residence of C. B. Power, Esq., Helena, Mont.

The above photograph shows well the luxuriant beauty attained by this favorite shrub in this section. When the photo was taken it was literally one solid mass of fragrant bloom. The Tulips (Darwins)—on the side of driveway, were also a wonderful display of splendid flowers.



Bed of Pansies in our Nursery.

LILACS

Lilacs have been a general favorite for generations all over the civilized world, but nowhere do they succeed better—and in few places equal—the wondrous growth and beauty of flower attained in Montana and neighboring territory. In almost all parts of the state they are to be seen in the yards and gardens—as single specimens, in groups and as hedges—simply loaded with glorious masses of fragrant bloom in the early spring. The blocks of these shrubs attract the attention of large numbers of visitors to our Nursery every season when in flower. Our stocks are unequalled, and are in splendid condition, hardy to the last degree—grown as they are on the eastern slope of the main range of the Great Divide. The best varieties for this section are after all—the old Purple, White and Persian.

Purple—One of the most popular and extensively planted.

White—Flowers are a fragrant, beautiful white.

Each, either variety 75c and \$1.00. Large blooming plants, each \$3.00 and \$5.00.

These cannot be too extensively planted in Montana, and are one of the very best shrubs anywhere.

Purple and white Lilacs make splendid hedge plants. Write for prices in quantity, stating number desired or length of hedge to be planted.

Madame Lemoine—Magnificent panicles of large double white blooms. Each, bush form 75c and \$2.00. Each, tree form \$2.00.

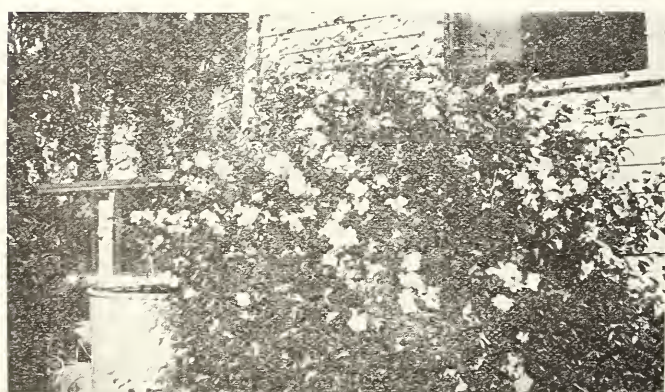
Persian Lilac—This is quite distinct, with small foliage, graceful growth. Color the true lilac shade. Each \$1.00, \$2.00.



LILAC ROOTED CUTTINGS

Unequaled for Hedges

We receive many inquiries for young plants suitable for the planting of hedges of these favorites, and are now prepared to offer well rooted cuttings of the Purple and White varieties for this purpose. These are the varieties that have proven the most hardy and adaptable for this use in this climate. Per 100 \$10.00.



PHILADELPHUS—(Syringa.)

This photograph is another from the residence of Mrs. D. W. Slayton, Lavina, Mont. This hardy shrub is one of the very best white flowering shrubs grown, and never fails to give a wealth of fragrant bloom in the early spring and summer.

P. Gordonianus—(Syringa or Mock Orange)—A beautiful and well known flowering shrub; a native and therefore quite hardy; very rich fragrance. Each 50c and \$1.00; postpaid 75c and \$1.25.

P. Nivalis—(Dwarf Syringa or Mock Orange)—A dwarf growing type, fragrant and very free flowering. A splendid Hardy Shrub. Each 50c, postpaid 75c.

OLEASTER—RUSSIAN OLIVE

(*Elaeagnus Augustifolia*.)

This is a decided acquisition to our hardy shrubs. The foliage is of a deep green on the upper side, and silvery white underneath, narrow and about three inches long. The flowers are yellow, very fragrant, and borne in great profusion in June. Its bushy habit will make it a favorite for hedge and screen purposes, as well as for ornamental specimen planting. Each 3 to 4 feet \$1.00.

SAMBUCUS—(Elderberry)

Very useful for a screen or windbreak. Each 50c, postpaid 75c.

SIBERIAN PEA—Caragana—See Next Page.

SNOWBERRY

One of its most valuable features is the succession of pure white berries immediately after the blooming is finished. Each 25c and 50c, postpaid 40c and 65c.



Snowball.

The above cut is from a photograph sent us by Mrs. Thos. O'Connor, Roundup, Mont. It is a splendid specimen of what can be produced from the hardy shrubs procured from THE STATE NURSERY AND SEED CO.

SNOWBALL—(Viburnum)

Always a favorite, with its large globular, pure white flowers. Stands out conspicuously in any landscape work.

Each, 2 to 3 feet 75c; 4 feet \$1.00; postpaid \$1.00 and \$1.25.

SUMACH

(*Rhus Glabra*.)

This old favorite shrub of the Eastern and Southern states has proven hardy in Helena, and we are pleased to be able to offer it to our customers. Its handsome fern like foliage, which turn to a wonderful red at the approach of the first frosts, should make it one of the best additions to our list of hardy shrubs. 3 feet each 50c, postpaid 65c.

CARAGANA---SIBERIAN PEA



AT BACK—LARGE CARAGANA IN OUR NURSERY.
IN FRONT— YOUNG NURSERY STOCK.

The Caragana or as it is better known—Siberian Pea, is one of the most useful shrubs or trees that can be grown in Montana. It is the tree that was so strongly recommended to our farmers and ranchers in the treeless regions of Montana, by the demonstration train from the Agricultural College a year ago. Its worth has been amply demonstrated as a windbreak under the severest tests, and it is a thing of beauty in any lawn when grown as a specimen shrub or tree. This is well shown by the fact that in the Capitol grounds at Washington, D. C., this shrub is used very frequently, and in many cases has been given prominent positions. This is true also of our own State Capitol grounds, where they grow and flourish wonderfully. The Photograph in the lower corner shows one of these trees in the Court House Lawn of Lewis and Clark county. Its flowers produced early in the season, are of a golden yellow, borne in the greatest profusion, hanging in racemes from all parts of the previous years growth, the individual flowers resembling a pea blossom, hence the common name—**SIBERIAN PEA**. When in full flower it literally resembles a shower of gold. It is equally useful as hardy hedge plant, and full instructions for the planting and growing of hedges will be sent on request. For specimen planting, we have grown several hundreds of these trees, extra fine stock, and which we offer at \$5.00 each, **F. O. B. Helena**. These special trees are dug and shipped baled and burlapped at the roots, thus insuring the arrival of the trees in the best possible condition.

Smaller sizes than the above described of this useful tree—each from 50c to \$3.00. Ten to eighteen inch stock for hedge planting \$6.00 per 100; fifty at 100 rate. All prices **F. O. B. Helena**.



CARAGANA—IN Court House Lawn, Helena, Mont. Note also the wonderful velvety green lawn obtained from **STATE NURSERY AND SEED CO'S ROCKY MOUNTAIN LAWN GRASS SEED**.

SPIREAS



Spirea Van Houtii (Bridal Wreath.)
In Hill Park, Helena, Mont.

The above photograph was taken in Hill Park in the season of 1921. These wonderful hardy shrubs are yearly literally covered with a mass of flowers, and attract no end of attention and admiration. Placed as they are near the G. N. Depot, they catch the eyes of many visitors to this City—a veritable fountain of bloom. These can not be too extensively planted in Montana. The shrubs and trees in this lawn and park were supplied from our Nursery, and the wonderful lawns were sown with our Rocky Mountain Lawn Grass Mixture.

- S. Van Houtii (Bridal Wreath)**—The grandest of all the White Spireas; it is of compact habit and a beautiful ornament for the lawn at any season, but when in flower it is a complete fountain of white bloom, almost completely covering the foliage. Each 50c, postpaid 65c; Each 75c, postpaid \$1.00; each \$1.50, large, by express only.
- S. Sorbifolia (Ash Leaved Spirea)**—Beautiful foliage and white flowers. Each 50c, postpaid 75c.
- S. Anthony Waterer**—A valuable dwarf variety. Bearing pink heads of bloom, which are produced in great profusion. Considered one of the best of the pink Spireas. Each \$1.00, postpaid \$1.25.
- S. Prunifolia**—Another favorite variety. It produces long spikes of double blooms very freely, in May and June. Each 75c, postpaid \$1.00.

LANDSCAPE ARCHITECTURE.

To those desirous of beautifying their premises with tree and shrub planting, we tender our services in this important branch of the business. For small places, send us a sketch of the lot or lots with location of buildings, dimensions, location of entrances, roadways, etc., and exposure. We will cheerfully submit suggestions with estimate of cost of the trees, shrubs, etc. required.

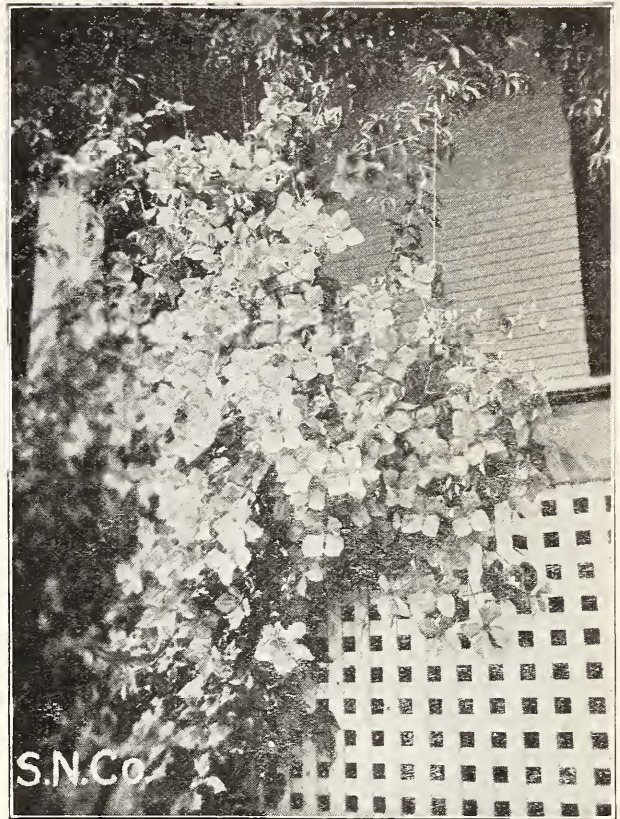
We are also prepared to furnish full detail working blue prints for the smallest to the largest home grounds or city parks, with estimates on same for furnishing of the necessary trees, shrubs, etc., for same. Write us for particulars.

Snohomish, Wash., R. No. 3, June 28, 1923
State Nursery and Seed Co.,
Helena, Mont.

Gentlemen:—Please send me one of your catalogs. I have bought your seeds when farming in Montana, and I have never found any seeds in this country to compare with yours in quality. I wish to order some fruit trees, etc. also.

Respectfully yours,
G. W. Townsend.

Hardy Vines and Climbers



Clematis Jackmanii in Helena.

CLEMATIS

One of the most popular of all trailing vines, used for covering house fronts or draping over retaining walls. When in bloom the dense sheets of blossoms, with their most pleasing fragrance, give a beauty indescribable. Their variety of size, coupled with a wealth of bloom, puts them in a unique position.

Native—We have propagated this beautiful vine in great quantity, believing that when it is better known it will be grown wherever a vine is needed. It ranks with the Virginia Creeper in worth and bears magnificent foliage and masses of sweet scented flowers. Each good strong roots 50c, postpaid 75c.

C. Jackmanii—This is the popular rich purple variety, with large flowers, very hardy and free flowering. Each pot grown plants \$1.00, postpaid \$1.25.

C. Paniculata—This is a beautiful hardy Japanese Clematis, a strong grower, and bearing large panicles of small white flowers. This is the variety so much used for porch shade in some of the older states. A splendid climber. Each 2 year old pot grown plants 50c, postpaid 60c.

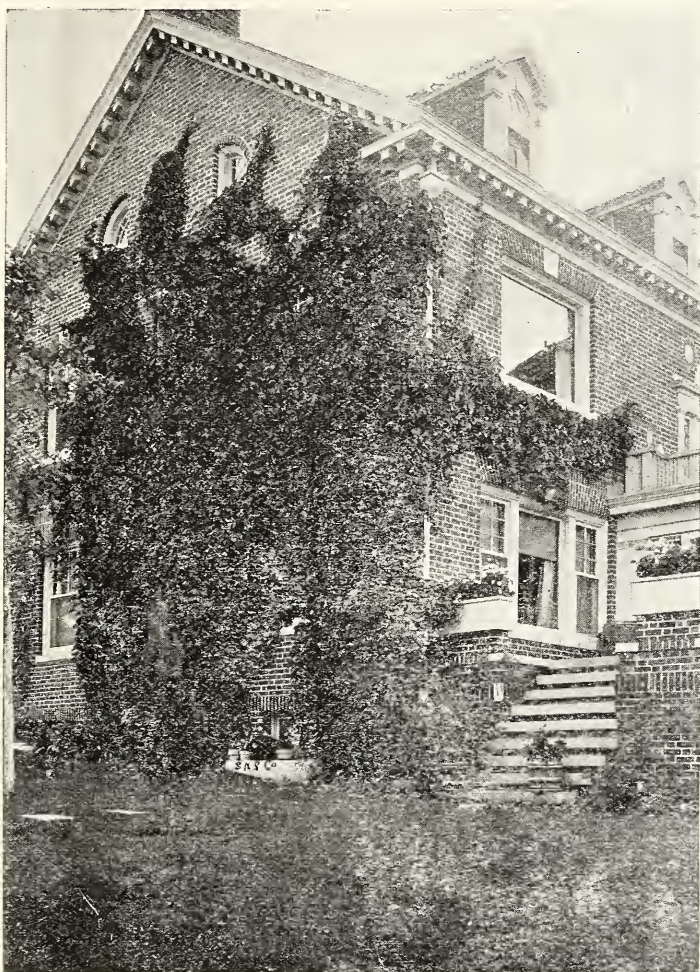
HOP ROOTS

For quickness in covering residence fences, arbors, etc., the Hop Root leads. The peculiar shade of its foliage, extreme hardiness and quick growth makes it a very desirable vine. Each 25c, doz., \$2.50; each postpaid 30c, doz. \$2.75.

NOTE—Postpaid prices—where quoted—cover not only actual postage, but the cost of packing, etc., ready for shipment. These prices cannot be deviated from on mail (Parcel Post) shipments.

IF YOU DO NOT FIND WHAT YOU WISH—SEE INDEX—
LAST PAGES OF THIS CATALOG.

VIRGINIA CREEPER



VIRGINIA CREEPER—Home of S. McKennan, Esq.,
Helena, Mont.

VIRGINIA CREEPER (*Ampelopsis Quinquefolia.*)

The well known Virginia Creeper is undoubtedly the very best and most hardy vine that has been introduced into this section. Everywhere that it has been planted it has succeeded wonderfully. It will make a beauty spot of any wall, and is of rapid growth. The foliage is of a rich deep green in the summer months, turning in the fall to the most brilliant crimson and gold imaginable. Our stocks of this vine are perhaps the finest in the country, and for general purposes it cannot be recommended too highly.

Each 75c and \$1.00
Postpaid \$1.00 and \$1.25
Extra Large Plants \$2.00 each
Extra Large Plants, postpaid \$2.25 each

State Nursery and Seed Co.,
Helena, Mont.

Gentlemen:—I have ordered plants, etc., from you for the last five years, and always I am very proud of them. They are always so healthy and well packed. My Mother's Day plants were beautiful.

Mrs. Jno. W. Stiver.

Norris, Mont., June 2, 1923

Shade and Ornamental Trees

IMPORTANT TO TREE BUYERS—In buying shade and fruit trees or other Nursery Stock from **THE STATE NURSERY AND SEED CO.** you are also getting free of charge the experience of **THIRTY-FOUR YEARS** of production of these goods in Montana. This can not be offered you by any other house at any price.

State Nursery and Seed Co.'s trees are the best the Northwest can produce and the numerous unsolicited testimonials we receive bear out that fact. Our location is ideal, with soil that gives all our trees the one essential requirement, a good strong fibrous root.

Our trees are being planted for parking not only by private persons but by many of the cities throughout the State. We cordially invite correspondence from City authorities on this subject.

Ideal packing is our specialty, the trees reaching you in practically the same condition as when they were dug. Trees are wrapped the full length in burlap and the roots covered with wet moss.

WE CAN ONLY REPLACE TREES OR SHRUBS THAT DIE THE FIRST SUMMER AT HALF PRICE THE FOLLOWING SEASON AS WE USE EVERY ENDEAVOR TO SEND OUT ONLY STOCK THAT IS IN PERFECT CONDITION.



American White Ash.

The best hard wood tree for Montana, being extremely hardy, and growing into a most beautifully formed head. We cannot recommend this tree too highly for this section, either for parking purposes or for planting as individual specimens. We call attention to the \$2.00 size—7 to 8 ft. high. The 7 to 8 foot tree is generally planted for street parking and we invite correspondence from city authorities.

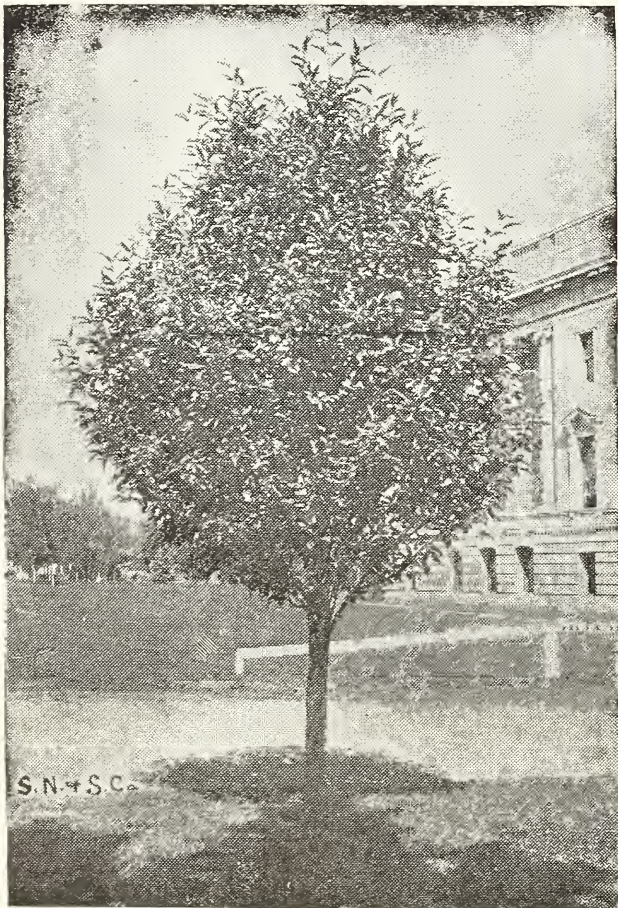
Each 6 to 7 ft. high \$1.50, doz. \$15.00; Each 7 to 8 ft. high \$2.00, doz. \$20.00; Each 8 to 9 ft. high \$2.50, doz. \$25.00; Specimen Trees 10 to 15 ft high \$3.00 to \$5.00.

Seedlings—6-8 inches—per 100 \$5.00; per 50 \$3.00. These are offered for customers who may wish to grow these valuable trees forward for their own planting.



Mountain Ash Berries.

European Mountain Ash—Rowanberry—One of the best of our ornamental trees, extremely hardy, with soft green pinnate foliage. Bears white blossoms in the spring, and red berries in the fall. An ornamental tree throughout the season. Stocks of this are scarce this season. Each 5 to 6 feet 50c, doz. \$15.00.



Oak Leaved Mountain Ash—Another beautiful tree, of pyramidal growth, with foliage resembling the Oak. A splendid specimen tree for lawns. Each 5 to 6 feet \$1.50, doz. \$15.00; each 6 to 8 feet \$2.00, doz. \$20.00.

BALM OF GILEAD.

Well matured trees have the most exquisite dark and rich shades of foliage. This tree takes root easily and will thrive anywhere. One of the very best trees for exposed situations, a native of Montana.

To get this really valuable tree for our semi-arid sections better known, especially in the eastern and northern parts of Montana and similar locations, we are offering unrooted cuttings at \$1.50 per 100, F. O. B. Helena. They are easily grown—for directions see page 43. Each 5 to 6 feet 75c, doz. \$7.50; each 6 to 8 feet \$1.25, doz. \$12.50.



Balm of Gilead—Broadwater Hotel Grounds, Helena, Mont.

The above photo shows a splendid specimen of this native tree. There are few situations in Montana where this tree will not succeed well. It is especially adapted for planting on the exposed prairie lands of Eastern Montana and similar localities, and will thrive there well, if given half a chance. They should be freely planted in those regions where there is absolutely no native timber.

NORWAY MAPLE.

The Maples are increasing in popularity owing to the profusion of foliage and majestic upright rapid growth.

Norway Maple—An excellent shade tree, the foliage in the fall assuming very striking tints of yellow. Each 6 to 8 feet \$2.00, doz. \$20.00.

It is one of the handsomest of the species, of very hardy nature, but very scarce this season.

SOFT MAPLE.

Of easy culture, and rapid growth, forming well shaped trees, when given sufficient room to develop. Splendid stock. Each 6 to 8 feet \$1.25, doz. \$12.00.

BOX ELDER.

Often called the Ash Leaved Maple. Requires but moderately rich soil, and is of a vigorous growth. Has been so popularly planted that it needs no description. Each 5 to 6 feet 75c, doz. \$7.50; each 8 to 10 feet \$1.25, doz. \$12.50.

ELM.

The American Elm is a noble native American tree, attaining a large size, with wide spreading head and graceful drooping branches. It is one of the best park and street trees, and is superb when planted as a single specimen. Each 6 to 8 feet \$1.50, doz. \$15.00.



The above photograph portrays well the wonderful growth of our trees. These Canada Poplars are the wonder and admiration of all in Dillon.

POPLARS.

These hardy trees thrive in almost any soil, and as a class are unequalled for this section. They are of rapid growth, and are used in increasing numbers every year in all parts of this state.

Canada Poplar—This is the hardiest variety of the family, and by far the best for this section. Whether it is desired for shade trees on a lawn—for city parkings—or to be grown as a specimen tree, its handsome foliage and symmetrical rapid growth readily distinguishes it from any other tree. The stock we offer of this favorite is equal in all respects to our usual high standard, and the large blocks of them in different stages of growth always attract the attention of every visitor to the outdoor section of our Nursery.

Silver Leaved Poplar—Under side of leaves are a beautiful silver grey, making it decidedly distinct from any of the other varieties.

Norway Poplar—Another good variety, grows to a very large size.

Lombardy Poplar—This variety is a very rapid grower—very erect, forming living pillars of handsome green foliage. This peculiar habit combined with its hardy nature, make it the best variety for windbreaks, the tall green pillars rapidly reaching to a great height.

Any of the above varieties—
Each 4 to 5 feet 50c, per doz. \$5.00, per 100 \$30.00; each 5 to 6 feet 75c, per doz. \$8.00; each 6 to 7 feet \$1.00, per doz. \$10.00; each 8 feet \$1.50, per doz. \$15.00; each 10 feet \$2.50, per doz. \$25.00.

Canada Poplars only—1 year., 2 to 4 foot whips, per doz. \$3.00; 50 \$7.50; 100 \$15.00.



Windbreak of Russian Willows.

Among the best hardy trees for our rigorous climate, are the Willows. As windbreaks—some varieties are unexcelled, as specimen trees—they are handsome and ornamental in any location. They are when once established very hardy. Our stocks of these cultivated varieties of Willows are perhaps the largest and best to be found in any section, and produced as they are—at an altitude of over 4000 feet—on the eastern slope of the main range of the Great Continental Divide, are the hardiest trees that can be produced anywhere. The above picture is a photograph of Russian Willows—dividing our Nurseries from the Broadwater Hotel grounds, and aptly shows what this variety will do under Montana conditions.

WILLOWS.

One of the most hardy class of trees known. The cultivated varieties we offer are invaluable for the rigorous climate of Montana. They are of very rapid growth, and make fine attractive trees for any position.

Golden Willow—Golden colored growth, makes a handsome specimen tree anywhere, and hardy under all conditions.

Each 4 to 5 feet	50c, doz. \$5.00
Each 5 to 6 feet	75c, doz. \$7.50
Each 8 feet	\$1.00, doz. \$10.00
Each 10 feet	\$2.00, doz. \$20.00

SPECIAL—1 year Golden Willow, 3 feet, \$10.00 per 100.

Laurel Willow—The cultivated Pussy Willow. Not the wild pussy willow of our river bottoms, but a far superior type. Of very upright growth, forming a large, round head, with deep shining green foliage.

Each 4 to 5 feet	50c, doz. \$5.00
Each 6 to 8 feet	\$1.00, doz. \$10.00
Each 10 to 12 feet	\$3.00

Russian Willow—A very strong growing tall variety, extremely valuable for windbreaks, very hardy and of very rapid growth and of great value also for specimen trees.

Each 4 to 5 feet	50c, doz. \$5.00
Each 5 to 6 feet	75c, doz. \$7.50
Each 8 feet	\$1.50, doz. \$12.50

SPECIAL—Russian Willow, 1 yr. 3 feet \$10.00 per 100.

LARGE SPECIMENS of the Russian and Golden Willow, 12 to 15 feet can be supplied. Write for prices, stating number required.

TREE CUTTINGS.

We sell quantities of Cuttings of the following varieties: Poplars, Willows, Balm of Gilead. These cuttings are about six inches long and in bundles of 100.

Per 100 \$1.50, per 1000 \$10.00.
Per 100 postpaid \$1.75.

PLANTING TREE CUTTINGS.

These are very easy to grow. Take the cuttings as received in the early spring, and plant deeply in a trench in good soil, placing the cuttings about 3 inches apart. Tread the soil around them firmly, and water well. Do not allow them at any time to lack water. Leave only about two eyes above the ground in planting. Replant the following spring giving them about 12 to 18 inches of space between them, and transplant the second year to places where desired to remain permanently. If more than one eye sends up a shoot the first season, remove the weakest ones leaving one strong shoot.



Block of Canada Poplar in our Nursery.

(Picea Pungens Kosteriana.)

This wonderfully decorative plant is quite hardy when planted out in the lawn to grow into a specimen decorative plant. When grown in a tub for decorative work on the porch, and for the house in winter, it is simply beautiful, and when too large, it can be transferred to the lawn for permanent ornamentation. The foliage is a bright silvery blue, of bushy habit. **See photograph—lower left.**

Koster's Blue Spruce—Genuine grafted stock—select specimens 3 to 5 feet, each from \$30.00 to \$45.00.

Colorado Blue Spruce—A rich blue foliage and very stiff pointed This beautiful hardy spruce should be far more planted in this section. It is one of the most attractive evergreens that can be used for any purpose being equally useful for combination with deciduous trees for windbreaks or for handsome specimen trees for the lawn or ground.

Each 18 inches \$10.00; per pair\$17.50
Each 24 inches \$12.50; per pair\$22.50

Norway Spruce—Very dark green, well formed and dense foliage. Each 3 to 4 feet, balled and burlapped for shipment \$7.50.



Residence of Mr. T. E. Mills and Bungalow of Nursery Foreman in our Nursery Grounds.

The lower left photograph is of some splendid specimens of Genuine grafted KOSTER'S BLUE SPRUCE. The smaller trees in rear of these are a fine block of COLORADO BLUE SPRUCE, growing in our grounds. These items are described above, and are considered the very finest of hardy Conifers. The photograph in lower right, depicts well the wonderful growth and bloom of our unequalled HOLLYHOCKS. It is not unusual for our growers to cut spikes of these glorious blooms from 5 to 7 feet long.



Fruit Trees and Small Fruits

We are specialists in Fruit Trees for the private individual and our stock is grown especially for this class of trade. Our list is limited, because we offer only what we have proven to be adapted to this climate. Montana is a cold state and it is useless as we have proved from experience—to expect varieties that do well in milder locations to stand our winters. All the trees listed here we can recommend for hardiness and good value, in the best of the standard varieties. Our experience of over thirty years is offered to you in this catalog in its entirety, free of all charge, an invaluable aid to purchasers of Fruit and other trees.

APPLES



Duchess.

Duchess of Oldenburg—One of the hardiest and most productive of our large apples. Fruit streaked red. (Fall variety.) Each 11-16 caliper, \$1.25, per doz. \$12.00.

Yellow Transparent—Earliest and of splendid quality, and does well in any exposed situation. Fruit light yellow. Each 11-16 caliper \$1.25, per doz. \$12.00.

Hibernal—A splendid fall variety, very hardy. A really good apple for exposed situation. Each 11-16 caliper \$1.25, per doz. \$12.00.

McIntosh Red—Too well known to need description. Each 11-16 caliper \$1.25, per doz. \$12.00.

Wealthy—Does well wherever grown—leading winter variety for Montana. Large red fruit. Each 11-16 caliper \$1.25, per doz. \$12.00.



Transcendent Crab.

CRAB APPLES

Transcendent—Very productive; fruit yellow with red cheek. The variety generally used for jelly. Each 11-16 inch caliper \$1.25, per doz. \$12.00.

Whitney—Bears quantities of very large fruit. Good both for eating and cooking. Very hardy. Each 11-16 caliper \$1.25, per doz. \$12.00.

Red Siberian—One of the hardiest and most prolific fruiting Crab Apples yet introduced. Each 11-16 inch caliper \$1.25, per doz. \$12.00.

CHERRIES

Cherries do very well in some parts of Montana, while in others they will not succeed. We advise our customers, where Cherries are not grown, to test a tree or two before attempting to plant on a large scale. This will lead to practical knowledge for the different localities, and prevent severe disappointment.

Early Richmond—A splendid variety in dark red. Each \$1.50, per doz. \$15.00.

Montmorency—A good hardy red variety. Each \$1.50.

English Morelo—A well known dark red. Each \$1.50.



Rocky Mountain Cherry.

Rocky Mountain—Grows to a height of four feet and its load of white blossoms in spring is followed by quantities of black fruit that ripens late. A distinct bush, and really valuable native fruit. Each 3 feet \$1.00, doz. \$10.00. Each 2 feet 50c, doz. \$5.00.

NATIVE CHOKE-CHERRY.

This native tree is extremely useful, absolutely hardy, and should be generally grown both for shade and fruit. The fruit is produced most abundantly, and it is very valuable for jelly. Each 5 feet \$1.00, doz. \$10.00.

PLUMS

The following new varieties of this favorite fruit were originated at the Minnesota State Fruit Breeding Farms, and from all accounts that we have been able to secure of them, will prove raelly valuable acquisitions to the list of Plums that are suitable for Montana conditions... This is the first season of their introduction here, and while we were unfortunately unable to secure cuts of them for this years catalog, we feel that we can unhesitatingly recommend them to our customers. The descriptions are taken from these sent out by the Minnesota State Fruit Breeding Farms management.

Red Wing—This is one of the largest in size of fruit yet produced at the Fruit Breeding Farms, ripens in mid-season, with beautiful red freestone fruits of very high quality. Each \$2.00.

Underwood—A very vigorous growing variety, producing red fruit of large size, early maturing, and of good quality. Each \$2.00.

Monitor—A vigorous grower, making a wonderfully well shaped tree, yielding large red, very firm fleshed fruit, of good quality. Each \$2.00.

The above collection of three new Plums \$5.00.

Hanska—A very vigorous growing native plum. Fruit one of the best of the American Plums that has been introduced. Flesh firm and juicy. Each 11-16 caliper \$1.25, per doz. \$12.00.

Surprise—Fruit large, skin medium thick and tender, of bright red color, flesh pale yellow and of excellent quality. Each 11-16 caliper \$1.25, per doz. \$12.00.

Terry—Another American Plum originating in northern Iowa, and has proven very hardy. A large fruit, color red over yellow, round shape, thick skin, yellow flesh of splendid quality. Each 11-16 caliper \$1.25, per doz. \$12.00.

COMPASS CHERRY—A cross between a cherry and a plum, and one of the very best fruit trees for Montana. It is very hardy, and will thrive where many other trees will hardly grow. In the spring it is covered with a dense mass of blossoms, making it invaluable for a decorative plant anywhere. It bears enormous quantities of fruit, ripening late in the season, and which are extra fine for jelly making purposes. Each 7-16 caliper 3-4 feet 75c.

CURRANTS

Currants are one of the best small or bush fruits for this section. They are hardy, very prolific, and their qualities for jelly making appeal to every housewife. Our stocks are good—in the best possible condition.



Currant (Perfection.)

See Color Plate on Inside Front Cover.

CURRANTS—Continued.

Perfection—This is perhaps the very best variety of Red Currant that was ever introduced. It is a prolific yielder, with a rich sub-acid flavor. The fruit being very "pulpy" and contain but very few seed. Our stocks of this valuable small fruit are unsurpassed, and we strongly recommend this variety to be grown both for commercial and home use. Each 1 year 20c, postpaid 25c, doz. \$2.00, postpaid \$2.25. Each 2 year 35c, postpaid 50c; doz. \$2.50, postpaid \$3.00.

Red Cherry—Very productive, color a bright red, in profuse clusters.

North Star—Fruit borne on naked stems, quality rich and mild, good red color.

Fay's Prolific—Fruit average, bright red color, thin skin.

Common Red—Berry medium to large.

White Grape—The best white variety, of very bushy habit of growth yielding large quantities of large white fruit.

Black Variety (Black Naples)—Fruit varies from small to large, well known variety. Each 50c, postpaid 65c; per doz. \$5.00, postpaid \$5.50.

NOTE—Owing to the attacks of the White Pine Blister rust in the Northwest, it is requested by the U. S. Forestry and Agricultural Departments, that **BLACK CURRANTS** and **GOOSE-BERRIES** should not be planted nearer standing growths of White Pine than 900 feet.

GOOSEBERRIES



Gooseberry.

Gooseberries grow and fruit exceptionally well in Montana, and should be far more grown than is the case. They yield enormously, and for preserving and pie making are unexcelled. They are very hardy, and can be grown where scarcely any other fruit can or will mature.

Oregon Champion—A splendid green variety, hardy, of good size and flavor. This variety is more generally grown on the Oregon fruit farms than any other, for market purposes.

Columbus—Hardy and large, and we have grown it for years in unsheltered positions. Each 50c, doz. \$5.00. Each postpaid 65c, doz. \$5.50.

GRAPES

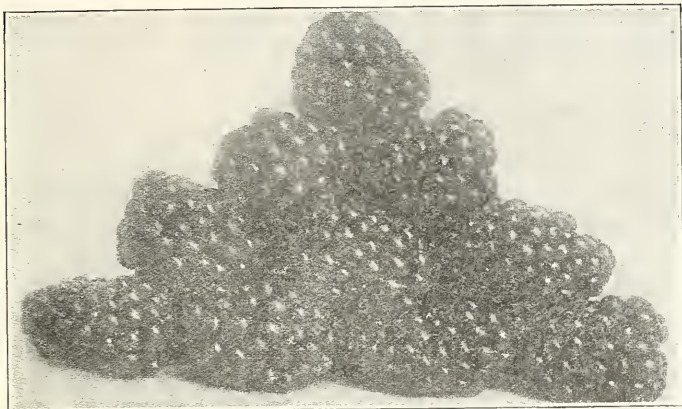
The following varieties are among the hardest.

Campbell's Early—An improved Concord.

Concord—The most popular.

Beta—A hardy northern hybrid, deep purple in color, medium size, and considered one of the best varieties for jelly and similar uses. Each postpaid 50c.

"AMBROSIA" Blackberry

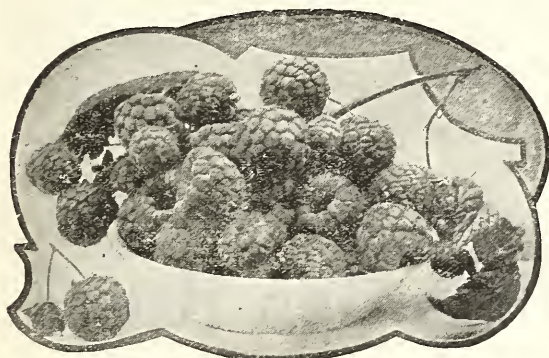


Ambrosia Blackberry.

This variety was introduced to Montana by us three years ago, and the demand for it has been very heavy. The following description is given by the originator in Illinois: "It is the earliest Blackberry in cultivation. Fruits very large, of a glossy jet black, sweet luscious flavor, with no core, keeping from 7 to 8 days after being gathered in perfect condition. Very hardy, having withstood 32 below zero without injury." \$1.50 per dozen, postpaid.

Snyder Blackberry—Very productive and hardy; fruit sweet and juicy. Ripens early.
Dozen \$1.00, postpaid \$1.25.

RASPBERRIES



ORDINARY TYPES

Raspberries are a splendid small or bush fruit for Montana. As a rule they are hardy, very prolific, and require but comparatively little care to produce splendid fruit.

King—This raspberry is one of the very best of the red raspberries. It is very hardy, and yields enormously. In our nurseries it has proven to be one of the very best we have yet found. The fruit is large and luscious, and will ship well. It is not considered as an everbearer—but with us it certainly yields as much fruit as some of those so classed. See Color Plate on Inside Front Cover.

Marlboro—A large sweet red variety and a strong grower.

Gregg—The best of the black raspberries, and a splendid yielder. This is the variety of black raspberry generally grown for market purposes.

Any of the above three varieties—\$1.00 per doz. postpaid.

Everbearing Raspberries

St. Regis—Everbearing red.

This is perhaps the best known of the everbearing type, and has proven well adapted to general Montana conditions. We have excellent reports on this variety from the western part of the state to the south eastern. Well worth a trial. A very prolific yielder of delicious flavor.

Per doz. \$1.25, postpaid.

Pamphlet on **CULTURE OF BUSH FRUIT and STRAWBERRIES**

Free—on Application

STRAWBERRIES

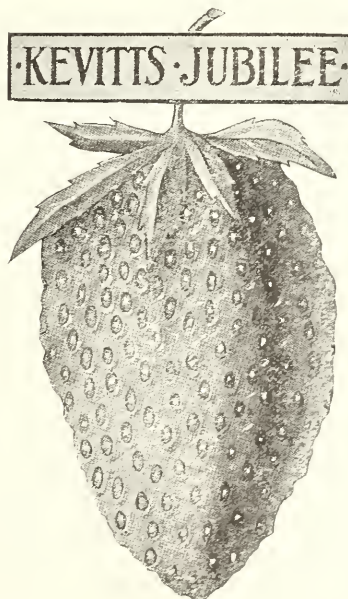
NEW VARIETIES



"CALIFORNIA"

This new Strawberry is one that is very highly recommended by those who have tried it out in the eastern states. It was originated by "Kevitt" the Strawberry Specialist, who considers it one of his best introductions. His description states—"It produces extra strong, robust plants that bear an abundance of large well shaped luscious berries of very rich flavor. The plants are very erect in habit, and throw the fruit well above the foliage, making for easy picking and clean fruit. It is a mid season perfect flowered variety."

Per doz. postpaid \$1.50.



The New Black Strawberry.

"The plants are extremely vigorous and healthy and give an abundance of very dark red luscious fruits of exquisite flavor and giant size, well above the ground. Mid-season to late. Perfect flowering." 12 plants \$1.25 postpaid.

STRAWBERRIES

Pamphlet on Strawberry and Bush Fruit Culture **FREE**, on Application.

The fruiting plant that stands the severe conditions of Montana's climate with splendid credit to itself is the Strawberry. For the space it occupies in the garden it is hard to find anything to equal it and our patrons show a constantly increasing appreciation of this fact.

Strawberries are either Perfect or Imperfect flowered. Imperfect flowered varieties must be planted in alternate rows with Perfect flowered varieties. We list none but Perfect Flowered Varieties.

We desire to call especial attention to the Everbearing varieties quoted. They should prove of more than usual merit for both home culture and market purposes. About 8,000 plants to the acre.

We do not recommend fall planting in Montana.

EVERBEARING STRAWBERRIES

This type of Strawberry is becoming a great favorite in the northwest. Their extreme hardiness, combined with their long bearing season, make them doubly valuable.

Progressive—One of the first of this type to be introduced, and is still considered one of the best. It is extremely hardy, very productive, bearing well formed berries of a most delicious flavor. This variety is more generally grown than all others in Montana, and is equally valuable for the home garden or the commercial grower.
See Color Plate on Inside Front Cover.

Superb—Another good variety, superb not only in name but in every good quality which goes to make a fine strawberry. Perfect flowering.
Either variety, per 100 postpaid \$2.50.

(Not less than 25 of a kind supplied.)

Either variety, 500 postpaid \$10.00.
Either variety, 1,000 prepaid \$15.00.

ORDINARY TYPE VARIETIES

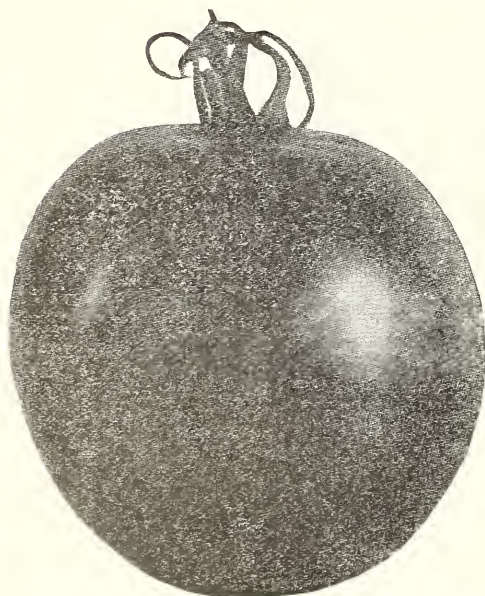
Senator Dunlap—Hardy, strong grower, prolific plant-maker, good bearer of firm berries that stand transportation well. The best early, mid-season berry for Montana and more generally planted than any other. Perfect flowering.

Wm. Belt—No berry sufficiently hardy to stand our high elevation is equal to this in flavor. Plants are good sized and productive. A splendid mid-season berry sure to please all who grow it who like fine fruit. Perfect flowering.
Either of the above varieties postpaid 100 \$2.00.

(Not less than 25 of a kind supplied.)

Vegetable Plants and Garden Roots

TOMATO PLANTS



With the exception of the higher altitudes, they can be readily grown and with success. As a staple article, they should be grown far more than they are, large as is the quantity now planted. As in older sections of the country, in most parts of Montana, it is now found practical to grow sufficient quantities of this delicious and healthful fruit for canning purposes, as well as for fresh table consumption.

Number of plants required per acre—Staked or upright method, 3 feet in the row and 5 feet between rows—2904.

Pamphlet on The Growing of Tomatoes—free on application.

Pot grown plants while more expensive are far more satisfactory, and when only a few are to be planted we strongly advise the pot grown, as they will under normal conditions produce far more fruit and produce it earlier, a most decided advantage in regions where early frosts prevail.

We list the following varieties as being the best suited for our climate.

John Baer—The earliest and best. By far the leading variety for Montana, of splendid color and flavor. A heavy yielder, good sized fruit, and is grown more than any other variety yet introduced.

Bonny Best—Another good early sort.

Earliana—Fruit large.

Market King—A late introduction that has met with much favor from many people. A medium sized fruit, and a heavy cropper.

Orange Sunset—One of the best yellow varieties yet introduced. A free fruiter of medium size.

Tomato Plants—Any of Above Sorts.

Dozen, 3 inch pot grown plants.....	\$1.00
Dozen, 3 inch pot grown plants, postpaid.....	\$1.25
Dozen, 4 inch pot grown plants.....	\$2.00
Dozen, 4 inch pot grown plants, postpaid.....	\$2.50
Dozen, from boxes, 50c; 100.....	\$3.00
Dozen, from boxes, postpaid, 65c; 100.....	\$3.25

CABBAGE PLANTS

With perhaps the exception of the extremely high altitudes, Montana can produce as many pounds of this necessary vegetable to the acre as almost any state in the Union. To secure the best and quickest results irrigation is necessary on dry lands. Too much water, will, however, result in "splitting." The varieties we offer are those which have proven the best both in weight and quality for this section.

Early cabbage 10,000 to 12,000 plants per acre. Late cabbage 6,000 to 8,000 plants per acre. For varieties and prices see next page.

CABBAGE PLANTS

The following cabbage plants will be ready for delivery after June 1st—from cold frames and the open ground. June 1st is as a rule early enough to plant these for the average climate of this section.

Copenhagen market—Earliest and best Round Head Cabbage.

Hundred	\$1.00; 1,000	\$7.50
Hundred, postpaid		\$1.15
Fifty 50c		postpaid 65c
Twenty-five 30c		postpaid 40c
Doz 15c		postpaid 25c

Early Varieties—Pointed Head Varieties.

Hundred	\$1.00; 1,000	\$7.50
Hundred postpaid		\$1.15
Fifty 50c		postpaid 65c
Twenty-five 30c		postpaid 40c
Doz 15c		postpaid 25c

SPECIAL—For those of our customers who wish to grow very early cabbage, we can offer Copenhagen Market and Early Jersey Wakefield from April 20 to June 1st, specially grown and transplanted stock, grown under glass—at \$2.00 per 100; \$1.15 for 50; 75c for 25; and 40c for 12, postpaid.

Late Varieties—Ready from June 1st. Round or Flat Heads. State which you wish.

Hundred	\$1.00; 1,000	\$7.50
Hundred postpaid		\$1.15
Fifty 50c		postpaid 65c
Twenty-five 30c		postpaid 40c
Doz 15c		postpaid 25c

Red—For pickling.

Hundred		\$1.50
Hundred postpaid		\$1.65
Fifty 75c		postpaid 90c
Twenty-five 40c		postpaid 50c
Doz 20c		postpaid 30c

Savoy—

Hundred		\$1.50
Hundred postpaid		\$1.65
Fifty 75c		postpaid 90c
Twenty-five 40c		postpaid 50c
Doz 20c		postpaid 30c

Kale—Dwarf Scotch—Tall Scotch—Either Variety.

Hundred	\$1.50, 1,000	\$8.00
Hundred postpaid		\$1.65
Fifty 75c		postpaid 90c
Twenty-five 40c		postpaid 50c
Doz 20c		postpaid 30c

Brussell Sprouts—

Hundred	\$1.50, 1,000	\$8.00
Hundred postpaid		\$1.65
Fifty 75c		postpaid 90c
Twenty-five 40c		postpaid 50c
Doz 20c		postpaid 30c

Cauliflower

Ready June 1st

50 plants per 100 ft. of row. 8,000 plants per acre 3/4x2 1/2. Cauliflower grows splendidly in Montana. A money making crop in favored sections.

S. N. & S. Co.'s Snowball—For Fall and Winter use.

Hundred	\$1.25, 1,000	\$8.00
Hundred postpaid		\$1.40
Fifty 65c		postpaid 80c
Twenty-five 40c		postpaid 50c
Doz 20c		postpaid 30c

SPECIAL—For those of our customers who wish to have extra early Cauliflower, we offer our unsurpassed Snowball specially grown and transplanted stock, grown under glass, at \$2.00 per 100; 50 for \$1.25; 25 for 75c; and 12 for 40c, postpaid. These can be supplied from April 20 to June 1st.

Celery

14,000 to 15,000 Plants to the Acre.
100 to 100 ft. of row.

S. N. & S. Co.'s White Plume—For Fall and Winter use. Self blanching.

S. N. & S. Co.'s Self-Blanching—Early, solid, crisp, delicious flavor.

Hundred, either variety	\$1.25, 1,000	\$10.00
Hundred postpaid		\$1.40
Fifty 70c		postpaid 85c
Twenty-five 50c		postpaid 65c
Doz 25c		postpaid 30c

Asparagus

Asparagus is today one of the most used and demanded vegetables. It is very easily grown, and a bed when once established will more than repay any housewife who loves to have this delightful vegetable for her table in the early spring, and also for canning for winter.

Palmetto—Early and of excellent quality.

Dozen, 1 year old	25c, 100	\$2.00
Dozen, 2 year old	50c, 100	\$3.00
Dozen, 1 year old postpaid	45c, 100	\$2.40
Dozen, 2 year old postpaid	60c, 100	\$3.60

Cucumbers

Ready May 20.

We have splendid White Spine and Long Green varieties. From pots:

Each either kind	15c, doz.	\$1.50
Postpaid	25c, doz.	\$1.75

Chives (Snitlauch)

Each	15c, doz.	\$1.50
Postpaid	25c, doz.	\$1.75

Onions

We are prepared to supply Onion Plants ready to plant out, early in the spring. These will far surpass the sowing of seed or the planting of sets for large onions. These are the plants from which we grow the wonderful large onions which are the admiration of so many visitors to our trial grounds and to our exhibit at the State Fair.

per 100 postpaid \$2.00

Leeks

A very useful vegetable of the Onion family, very mild, and much used for soups and also served boiled with butter sauce. Require "hilling up" with soil to blanch the long stems white.

Per 100 \$2.00

Egg Plant

Ready May 20th.

Each	15c, doz.	\$1.50, 100	\$8.00
Each postpaid		25c, doz.	\$1.75

Horse Radish

Nice Roots.

Each	10c, doz.	\$1.00
Each postpaid	15c, doz.	\$1.25

Mint

Spear—For mint sauce and flavoring.

Each	20c, doz.	\$2.00
Each postpaid	25c, doz.	\$2.25

Sage

A valuable herb greatly used for seasoning.

Per doz. 50c postpaid 65c

Parsley

A valuable herb greatly used for seasoning and garnishing.

Each	10c, doz.	\$1.00
Postpaid	20c, doz.	\$1.25

Pepper

Ready May 20.

Large Bell or Bull Nose—The variety for Montana.

Dozen	50c, 100	\$5.00
Postpaid	doz. 65c, 100	\$5.50

Rhubarb

33 to 100 ft of row. 5,000 to acre 5x3.

This easily grown and succulent plant is becoming yearly in greater demand. The quality of our MONARCH strain is not surpassed by any, and it is one item that no housewife can afford to be without in her garden—making the most delicious pies and sauce early in the season, as well as being of great value for canning for winter use.

S. N. & S. Co.'s Monarch—Large red stems.

Each 2 years old	25c, doz.	\$2.50
Postpaid each	35c, doz.	\$2.75



A Log Cabin of the 60s.

The Log Cabin above portrayed—in our Nursery Grounds—is one of the old land-marks of Lewis and Clark County. It is still staunch and sound, and is in use to day as the dining room for many of the men who are employed in the greenhouses and nursery. The row of plants in the foreground are KOCHIA TRYCOPHYLLA—better known as Mexican Burning Bush. The well kept lawn and Grounds are the work of Mr. and Mrs. Chas. Hoffman, who take a pardonable pride in their trim appearance.



The above photograph is an exhibit of cut flowers staged by us at the MONTANA STATE FAIR in 1923. There were some 200 different varieties of flowers in the collection, and it was, with the large stand of potted plants one of the chief attractions of the fair.

Cut Flower Department

Our Cut Flower Department is one of the most complete and most fully equipped of any firm in the Northwest. It is in charge of capable and artistic florists who have at their command the enormous output of the largest cut flower producing plant in this entire territory.

These primary advantages, assure our customers of the very highest and most artistically finished products that can be procured in this line.

We desire to call the attention of our customers to the means at our command, by which we can make deliveries of fresh flowers or plants, when desired for any special occasion, to any point in the United State or Canada, with the sender's card or other special message attached, within a few hours notice. This is accomplished through our membership in the FLORISTS' TELEGRAPH DELIVERY ASSOCIATION, composed of the most reliable florists in all parts of the United States and Canada.

When time is limited, it is always best to use either Phone or Telegraph, so as to give us the best opportunity possible to get out what you desire, and also prevent exasperating errors and delays.

The following pages will give some idea to distant customers of what we can offer in this line, and we can always be relied upon to furnish the latest and most appropriate designs in anything floral, for any occasion whatever.

For cut flowers for any purpose, Phone 327, Helena, Montana, between the hours of 8 A. M. and 6 P. M. After 6 P. M. telegraph the STATE NURSERY AND SEED CO., Helena, Montana, and we will guarantee satisfaction.

Shower Bouquets

Our Shower Bouquet for the Bride, made up of either Orchids, Bride-Roses, or other seasonable flowers. Tied up with loops of white baby ribbon and chiffon, giving them lightness and airiness. Can be carried by the most particular of Brides.

Prices\$15 to \$35

Bridesmaid Bouquets are usually made in color to correspond with the ladies' gown.

Prices\$10 to \$25

Less elaborate Bouquets.

Each\$5 to \$15

We also make up Corsages of Orchids, Violets, Roses or other seasonable flowers.

Prices\$2.50 to \$10

For Anniversaries, Birthdays, etc., we carry the latest novelties in Baskets, Ferneries, Jardineres, Horseshoes, etc., and filled with choicest flowers.

PricesFrom \$1.50 up

All prices are subject to change. Prices are always higher at Christmas, New Year, Easter, Mother's Day and Decoration Day. Write for special lists for these dates.

Funeral Emblems

We can, at very short notice, make up almost any floral emblem wanted. The emblems most generally used are:

Wreaths	\$5.00 to \$25.00	Harps	\$10.00 to \$35.00
Pillows	\$5.00 to \$25.00	Stars	\$5.00 to \$15.00
Crosses	\$5.00 to \$25.00	Lyre	\$10.00 to \$35.00
Rock of Ages.....	\$20.00 to \$50.00	Broken Wheel.....	\$12.00 to \$50.00
Anchors	\$5.00 to \$20.00	Broken Column.....	\$10.00 to \$40.00
Hearts	\$5.00 to \$15.00	Gates Ajar	\$25.00 to \$50.00

Emblems of Fraternal Organizations

Prices range from \$5.00 to \$25.00 each. When ordering state amount you wish to pay and we will guarantee satisfaction.

Cut Flowers

	Per Dozen.
Red, pink, white and yellow Roses	\$3.00 to \$7.50
Carnations	\$1.50 to \$2.50
Violets, Per bunch	\$.25 to \$1.00
(Season Nov. to April.)	
Chrysanthemums, choice yellow, pink and white.....	\$3.00 to \$10.00
Fancy Single Chrysanthemums	\$2.00 to \$3.00
Pom-Pon Chrysanthemums	\$1.50 to \$2.00
(Season Oct. to Dec.)	
Daffodils	\$1.50 to \$2.00
(Season Jan. to April.)	
Tulips	\$1.50 to \$2.00
(Season Feb. to April.)	
Narcissus	\$2.00
(Season Jan. to April.)	
Gladiolus	\$2.00 to \$5.00
(Season May to Oct.)	
Asters	\$1.00 to \$2.00
(Season June to Oct.)	
Peonies	\$2.00 to \$3.00
(Season June.)	
Orchids, each \$1.50	
Easter Lilies	\$5.00 to \$7.50
(Season April to June.)	
Calla Lilies	\$5.00 to \$7.50
(Season Oct. to May.)	
Fern Leaves	\$.25
Maiden Hair Fern, per doz. sprays	\$1.00
Asparagus Sprengeri per doz., sprays .....	.75c



Bed of Hollyhocks.

This wonderful bed of these favorite hardy perennial plants attracted a great deal of attention in our nursery this past season. They were the admiration of people from all over the country—being located very near the noted Broadwater Camping Grounds, which are always liberally patronized by large numbers of tourist parties from all sections, and very close to the roadway leading to the noted Priest Pass over the Great Divide, but a few miles distant.

Flowers are usually shipped by express at purchaser's expense. When delivery is desired with charges prepaid, please notify us with the order. **We do not recommend Parcel Post** for Cut Flower shipments and will not be responsible for them, but will use every possible precaution in packing. We guarantee safe arrival of all flowers only when sent by express.

As plant orders are always packed and shipped from our greenhouses, we seldom combine them with cut flower shipments, which are always made from our city store.

Where the price of cut flowers exceeds the amount sent us; your order will be filled to value.

FLOWER SEEDS

Annuals—Bloom first year from seed and die after one season.

Biennials—Bloom second year from seed and plant dies after second year.

Perennials—Bloom second year from seed and plant lives and blooms for several years.

Tender—Means plants will not stand the least frost.

Half-Hardy—Means plant will stand a little frost and needs protection.

Hardy—Means plant will stand considerable frost.

ABRONIA UMBELLATA—(Sand Verbena).....Pkt. 5c
Very pretty trailing plants with numerous clusters of sweet-scented flowers. Rosy lilac, with white eye. Does well in light soil. Annual.

ACROLINIUM—(See Strawflower.)



African Gold Daisy.

AFRICAN GOLD DAISY—(*Dimorphotheca Aurantiaca*)

The single daisy-like flowers are 2½ inches in diameter, and of a unique glossy terra cotta orange, which brilliant coloring is rendered the more conspicuous by the dark disc surrounded by a black zone. The plants grow from 8 to 12 inches high and are very profuse flowering, especially in dry situations. Hardy annual. Pkt. 10c, ¼ oz. 40c.

AFRICAN BLUE EYED DAISY

Easily grown from seed, each plant quickly forms a bush 2 to 3 feet across, with silvery white deeply cut foliage. The daisy-like flowers measure 2½ inches across. They are silvery white with a sky-blue eye surrounded by a narrow yellow zone. The under part of the petal is lilac-blue. Borne on long stems above the foliage. One of our most attractive annuals. Pkt. 10c, ¼ oz. 35c, oz. \$1.00.



Ageratum (Blue.)

AGERATUM—(Floss Flower)—Blue Perfection. Pkt. 5c, ¼ oz. 30c.

A hardy annual of easy culture, especially valuable for bedding, as it is literally covered with blossoms all summer. They make fine house-plants in pots during wintertime.

ALYSSUM

(Maritimum)

Sweet Alyssum

Pkt. 5c, ¼ oz. 20c, oz. 35c.

Six to eight inches high. A fragrant hardy, annual, bearing spikes of small white flowers in great profusion throughout the summer and autumn. Useful for border or early bedding flowers. Sow the seed early in spring.

ALYSSUM—(Little Dorrit)Pkt. 10c, ¼ oz. 25c, oz. 75c.

A novelty of late introduction, of dwarf and very bushy habit. Exceedingly useful for border and cemetery purposes.



Alyssum (Little Gem.)

ALYSSUM

Little Gem or Carpet of Snow—Three to four inches high; fine for borders. Pkt. 10c, ¼ oz. 25c, oz. 75c.

ALYSSUM (Lilac Queen)—Hardy annual. Deep lavender lilac. Per pkt. 10c, ¼ oz. 40c.

ALYSSUM SAXATILE COMPACTA—or (Basket of Gold)—A hardy dwarf perennial, very useful for rockwork, literally covering itself with yellow flowers. Blooms first season if sown early indoors.

Per pkt. 10c, ¼ oz. 50c.

AMMOBIUM—(See Strawflower.)

AMARANTHUS TRICOLOR—(Joseph's Coat)—Mixed

Pkt. 5c

¼ oz. 25c.

These plants afford brilliant contrasts of colors, being useful for borders and groups; also, where foliage effects are desired. The leaves and stems are of different shades of red, blended with green. Half-hardy annual.

ANTIRRHINUM (Snapdragon)

Tall Giant Flowering Varieties.

Antirrhinums in recent years, have become very popular, they are very satisfactory for borders, bedding, pot culture, for house decoration, 2 to 3 feet, bearing long spikes of large flowers.

Giant Rose PinkPkt. 10c

Giant YellowPkt. 10c

Giant WhitePkt. 10c

Tall Giant Mixed, pkt. 5c¼ oz. 35c

Half dwarf large flowering varieties are of bushy growth, 12 to 18 in. high, especially valuable for bedding and cutting purposes, bears large flowers profusely.

Daphne, Soft Blush Pink,Pkt. 10c

Defiance, Fiery ScarletPkt. 10c

Firebrand, Scarlet, Yellow LipPkt. 10c

Golden Queen, Rich Pure YellowPkt. 10c

Mont Blanc, Pure WhitePkt. 10c

Rose Queen, Rose pink, Yellow LipPkt. 10c

Collection of above six varieties50c

ANTIRRHINUM—(Half Dwarf)—Choice mixed.

Pkt. 10c

¼ oz. 40c

ANTIRRHINUM—(Tom Thumb)—Mixed, Pkt. 10c, ¼ oz. 30c

Beautiful dwarf growing bushy variety. Flowers are handsome and produced in great profusion the entire season. It is not only desirable for beds and groups but also for pot culture. Half-hardy perennial. Treat as an annual.

ANGEL'S BREATH—(See Gypsophila.)



Asparagus Plumosus.

ASPARAGUS—(Plumosus Nanus)Pkt. 10c.

An indoor perennial climber, of wonderful beauty. It has largely replaced the famous smilax in the floral world. Bright, cheerful fern-like green.

ASPARAGUS—(Sprengeri)—(Emerald Feather)Pkt. 10c.

Adapted to suspended baskets; 1 to 4 feet. An excellent trailing house plant, as it withstands a dry atmosphere and succeeds everywhere. Remains fresh a long time after cutting.

AQUILEGIA—(See Columbine.)

ASPERULA—(Azorea)—BluePkt. 5c, ¼ oz. 25c

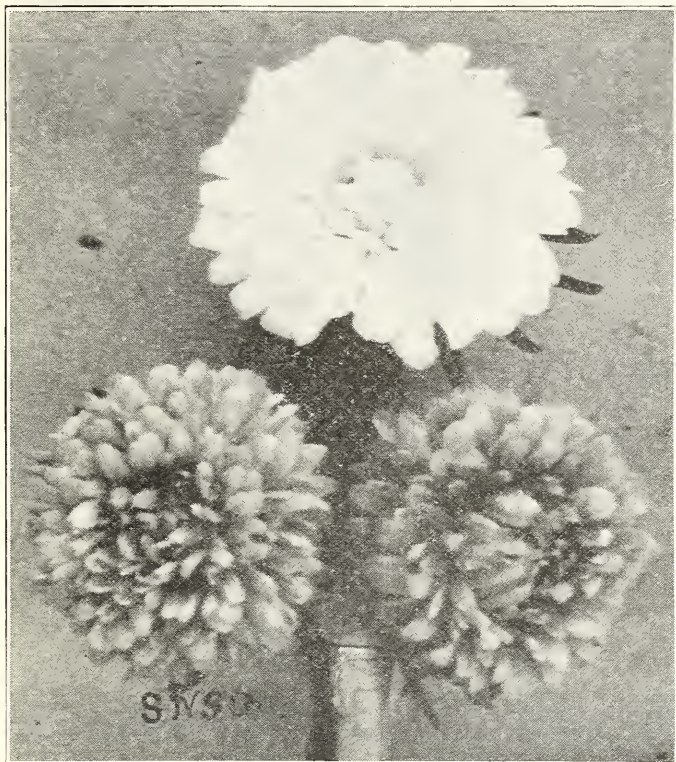
Grown for its fragrant leaves and stems which dried have a sweet odor, and are used for putting among clothes, etc. Best grown among shrubbery in semi-shaded positions where it can remain undisturbed. Twelve inches high.

ASPERULA TINCTORIA—(Sweet Woodruff) Pkt. 10c, ¼ oz. 30c.

An old-fashioned fragrant hardy perennial plant, greatly loved for its fragrance when dried, resembling the sweet odor of new mown hay. Bears small white flowers. Eighteen inches.

ASTERS

As a popular flower the Aster ranks with Sweet Peas, Pansies and Nasturtiums. No flower is more popular, and few have held a place in popular esteem for so many years and it is still growing in favor. Hardy Annual. For an autumn show of flowers, we have not its equal. We offer only Asters of superior quality.



ASTER—Queen of the Market.

QUEEN OF THE MARKET—A first class early variety, of branching habit. Flowers of good size, on good stems. Exceedingly valuable as a cut flower. Blooming in latter part of July. One foot.

Bright Pink	Pkt. 10c	Lavender	Pkt. 10c
Purple	Pkt. 10c	Rose	Pkt. 10c
Pure White	Pkt. 10c		
All colors mixed, pkt. 10c			¼ oz. 50c
Collection of five packets, one each of the above			40c

EARLY WONDER OR EXTRA EARLY EXPRESS

These are the earliest Asters in cultivation, flowering middle of July if seed is sown in March. The flowers are of good size, quite double, borne on good long stiff stems, making them of great value for early large blooms.

White	Pkt. 15c	Dark Blue	Pkt. 15c
Pink	Pkt. 15c	Finest Mixed	Pkt. 15c
Any of the above varieties			¼ oz. 85c

KING ASTERS (Needled Type)

This magnificent class of Aster is different from all others. The long narrow petals are folded lengthwise, appearing as if quilled. The flowers are of great size and substance, and last longer when cut than those of any other class. Bloom in August, 18 to 24 inches.

Crimson King	Pkt. 10c	Rose King	Pkt. 10c
Lavender King	Pkt. 10c	White King	Pkt. 10c
Pink King	Pkt. 10c	Violet King	Pkt. 10c
Any of above named varieties			¼ oz. 75c
King Asters, mixed pkt. 10c			¼ oz. 60c

AMERICAN LATE BRANCHING

This type bears flowers of extraordinary size, on long strong stems, from twenty to thirty inches in height. Of very strong growth, coming into bloom in August, and continuing throughout the rest of the season. Flowers large and double. Considered by many the most satisfactory Aster grown, for all purposes.

Azure Blue	Pkt. 10c	Purple	Pkt. 10c
Crimson	Pkt. 10c	Rose	Pkt. 10c
Lavender	Pkt. 10c	Pink	Pkt. 10c
White	Pkt. 10c	Shell Pink	Pkt. 10c
Finest mixed			Pkt. 10c. ¼ oz. 50c

VICTORIA—Finest mixed

ASTERS—Finest mixed

GIANT COMET BRANCHING

Known also as the Ostrich Plume Asters. A strong growing form, bearing profusely large flowers. The petals are re-curved, and toward the center of the bloom are twisted and curled. Height two feet. A most desirable type.

White	Pkt. 10c	Pink	Pkt. 10c
Rose	Pkt. 10c	Purple	Pkt. 10c
Lavender	Pkt. 10c	Blue	Pkt. 10c
Crimson	Pkt. 10c		

One pkt. each of the above seven colors

All colors mixed, pkt. 10c



Aster—Victoria



ASTER—Crego Giant.

CREGO'S GIANT

Considered by many the finest of the Aster family, producing immense flowers, often measuring 5 inches in diameter, and of a fluffy texture. The petals of the flowers are most attractively curved and twisted, resembling in looseness an ostrich feather. They retain their pristine beauty when cut for a long time. Twelve to fourteen inches.

White	Pkt. 15c	Pink	Pkt. 15c
Lavender	Pkt. 15c	All colors mixed	Pkt. 15c
Crimson	Pkt. 15c		

¼ oz. of any color or all colors mixed, 65c.

BALSAM—(Double Mixed)—Pkt. 5c. ¼ oz. 25c
Balsams like hot sun, rich soil and plenty of water. Plant 12 to 18 inches apart. Transplanting two or three times has a tendency to dwarf the plant into better shape and to make the flowers more double. Half-hardy Annual. Two feet.



Bachelor Button

BEAN
Scarlet Runner
pkt. 5c. ½ lb. 20c. 1b. 35c.
A favorite old-fashioned climber. Both ornamental and edible. It grows rapidly to a height of ten or twelve feet, and is covered from July until frost, with clusters of beautiful scarlet flowers. Annual.

BRACHY-COME—
(Swan River Daisy) Pkt. 5c. ¼ oz. 50c
A hardy Annual, growing from 8 to 10 inches high, producing an abundance of blue and white flowers. Excellent for border.



Brachycome or Swan River Daisy

BELLIS—(See Daisy.)

CACALIA—(Tassel Flower or Flora's Paint Brush) Pkt. 5c.
A neat annual of easy culture with tassel shaped flowers; blooms from June to September; fine for borders. Golden yellow and scarlet mixed. Two feet.

CALENDULA—(Pot Marigold)—One of the best and most showy annuals grown. Very fine either for beds or mixed borders, blooming until frost. One foot. All colors mixed. Pkt. 5c. ½ oz. 15c. oz. 25c.

CALENDULA—METEOR—Lemon with Orange. Pkt. 10c. oz. 25c.

CALENDULA—Prince of Orange—Rich Orange Red. Pkt. 10c. ½ oz. 15c. oz. 25c.

CALENDULA—Lemon Queen—Pkt. 10c. ½ oz. 15c. oz. 25c.

CALENDULA—Orange King—Very large, double, glistening orange flowers, borne abundantly throughout the season. Pkt. 10c. ½ oz. 35c. oz. 60c.

CALANDRINIA GRANDIFLORA—A splendid half-hardy biennial with flowers of a dazzling rose-pink. In bloom nearly all summer. Pkt. 5c.

CALIFORNIA POPPY—(See Eschscholtzia.)

BALLOON VINE—
(Love-in-a-Puff)—
Pkt. 5c. ¼ oz. 25c
A rapid growing climber; thrives in light soil. One of the prettiest climbers with dainty white flowers. Annual. Six to eight feet.

BARTONIA AUREA—
(Golden Bartonia or Blazing Star)—pkt. 5c
One of the brightest garden flowers. It produces its large golden blossoms all summer in great abundance; 1 foot high. Hardy Annual.

BACHELOR BUTTON—
(Centaurea Cyanus),
(Cornflower or Blue Bottle)—Of the easiest culture and thrives well in any ordinary garden soil. The plants require lots of sunshine, air and moisture. Sow outdoors the middle of April. Blooms from June until frost. 15 to 24 inches tall.

Pink.....Pkt. 10c. ½ oz. 25c
Blue.....Pkt. 10c. ½ oz. 25c
White.....Pkt. 10c. ½ oz. 25c
Mixed pkt. 5c. ½ oz. 20c. oz. 35c

CALLIOPSIS—Mixed Pkt. 5c. ¼ oz. 25c
Showy and beautiful free flowering annuals, blooming all summer and excellent for cutting and massing. Eighteen inches.

For CALLIOPSIS—Perennial—See Coreopsis.

CANARY BIRD FLOWER—(Tropaeolum Canariense)—Pkt. 5c. oz. 35c
A beautiful climber with curiously shaped blossoms. Will blossom freely from July until killed by frost. Tender annual. Sow in the house and transplant, or in open ground. Eight to ten feet.

CANDYTUFT

CANDYTUFT — (Iberis Umbellata)—
Among the most useful of perfectly hardy annuals, plants bear neat clusters of flowers very freely. A most attractive border and cut flower, blooming profusely in cool weather. Height 12 inches.



Calliopsis—(Annual.)

PinkPkt. 10c CrimsonPkt. 10c
WhitePkt. 10c Fine MixedPkt. 5c, oz. 35c
LavenderPkt. 10c
Empress or Giant Flowered—White, large long spikes of bloom; the best for cut flowers, pkt. 10c ½ oz. 25c

CANDYTUFT—Perennial—This is a very favorite perennial, bearing heavy trusses of pure white flowers. The plants are of dwarf growth, not more than 12 inches high, and are wonderfully adapted for edging or rockwork. They also make a fine display planted in solid masses somewhere in the corner of the garden. Commences to bloom early in the season, continuing until latter part of July. Pkt. 15c, ¼ oz. 45c, ¼ oz. 80c.

CANTERBURY BELLS—(Campanula Pyramidalis) Single mixed, Pkt. 5c.
Handsome hardy biennial, of stately growth, rich color and profuse bloom. Should be given some protection in severe winter weather; colors; white and various shades of violet, rose, lilac and blue. Height two to four feet.

CANTERBURY BELLS—(Calycanthemum) MixedPkt. 10c
The new Cup and Saucer, larger and appear about two weeks earlier than those of the old type. A splendid plant for beds and pot culture. Perennial. Two feet.

CARNATION



Carnation—(Double)

CARNATION
MARGUERITE
—This half-hardy perennial often blooms the first season from seed, and they are exceedingly valuable for bedding and pot culture. Very free flowering exceedingly fragrant, large flowered and double. Eighteen inches.
RedPkt. 10c
WhitePkt. 10c
YellowPkt. 10c
MixedPkt. 5c
¼ oz. 40c

CARNATION
(Giant or Malmaison)
This type is noted for its wonderful range of colors, and its free blooming qualities. Fully 70 per cent of the seedlings generally produce double flowers of large size. Half-hardy perennial.

Giant or Malmaison Extra Fine Double Mixed—Pkt. 10c. ¼ oz. 50c

CASTOR OIL BEAN—(Ricinus)—Mixed, Annual, pkt. 5c, oz. 25c.
The different varieties included in our mixture have light and dark green leaves and some of coppery bronze, changing to dark green with reddish ribs. Six to eight feet.

CATCHFLY—(Silene)—Mixed. Pkt. 5c.
An easy growing free flowering annual plant, producing dense umbels of white, red or rose colored blossoms. The plant is partly covered with a glutinous moisture, hence the name "Catchfly." Hardy Annual. Two to three feet.

CELOSIA



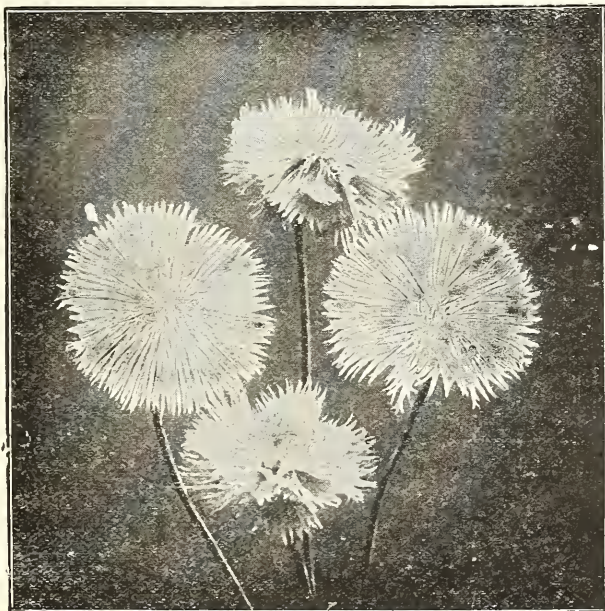
CELOSIA CRISTATA—(Cockscomb)

CELOSIA PLUMOSA—(Feathered Cockscomb) A splendid strain of the tall growing plumed Cockscomb forming great pyramids of huge crimson plumes.

C. Thompsoni Magnifica—Crimson Pkt. 10c
C. Thompsoni Magnifica—Yellow Pkt. 10c
C. Thompsoni Magnifica—Mixed Pkt. 10c, ¼ oz. 50c

CELOSIA CHILDSII
(Chinese Woolflower)

C. Childsii—A distinct form of the plumed Celosia. The plants average 2 feet in height, branching freely, each shoot bearing beautiful ball shaped flower heads of a purplish crimson color, somewhat resembling a ball of wool. It flowers profusely during summer and fall, the flower heads retaining their full beauty and color until frost destroys them. A novelty of great merit, which has attracted great attention. One of the finest cut flowers, its fine flowers keeping a long time in water.
 Pkt. 15c, ¼ oz. 60c



Centaurea Imperialis

CENTAUREA IMPERIALIS—(Royal Sweet Sultan)—A justly favorite annual, coming into bloom in July, and continuing until frost. Excellent for cut flowers.

White Pkt. 10c **Rose** Pkt. 10c
Lilac Pkt. 10c **Blue** Pkt. 10c
Finest Mixed Colors—pkt. 10c ¼ oz. 25c

CENTAUREA RUTHENICA—A tall growing perennial variety, with sulphur-yellow blooms pkt. 10c

CENTAUREA SUAVEOLENS—The Yellow Sweet Sultan or Grecian Cornflower. Annual pkt. 10c

CENTAUREA CYANUS—(See Bachelor Button.)

CRISTATA — (Cockscomb) — Splendid annuals for either pot culture or for the border. Well grown blooms often measure 12 to 14 inches, of a most brilliant color.

Empress — Rich crimson combs of mammoth proportions. Per pkt. 10c

Dwarf Crimson—per pkt. 10c

Aurea — Dwarf —Golden yellow, per pkt. 10c

Dwarf — Finest mixed pkt. 10c
 ¼ oz. 40c

CHRYSANTHEMUM

ANNUAL VARIETIES

These out-door summer Chrysanthemums are entirely different from the large flowered varieties grown by florists. Very showy and effective for bedding or borders, also desirable for cut flowers. Plants grow 12 to 18 inches in height, and produce single daisy-like flowers of many bright colorings.

Carinatum Eclipse—Golden yellow with a purplish scarlet ring on the center of the petals, the disc a dark brown. Very striking Pkt. 10c

Coronarium—A most prolific bloomer, with small double white and yellow flowers. Double mixed, per pkt. 10c

Tricolor—Single Mixed Pkt. 5c, ¼ oz. 25c

CHRYSANTHEMUM

PERENNIAL VARIETIES

These are the well known perennial Chrysanthemums, grown greatly for the hardy Perennial border, of easy culture in almost any position and location.

Inodorum—Bridal Robe—A well known double white variety, fine for cut flowers Pkt. 10c

Leucanthemum Grandiflorum—(Ox Eye Daisy)—Flowers resembling the wild Ox Eye Daisy but twice as large. Very fine for cut flowers and of easy culture. Pkt 10c

Maximum—King Edward VII (Moonpenny Daisy)—Considered the finest fall single, with flowers of extraordinary size, of purest white, perfect form, and exceedingly free flowering, and borne on long stiff stalks well above the foliage. We recommend this excellent variety. Pkt. 10c ¼ oz. 50c.

Maximum—Shasta Daisy—(Alaska)—Very attractive large white flowers 5 inches in diameter; with very broad petals, and long strong stems. Excellent for cut flowers. Pkt. 10c

CLARKIA—Beautiful hardy annual with rose colored, white and purple flowers, in delicate but very brilliant shades, is a popular garden and cut-flower plant, very showy in borders, hanging baskets or vases. They are not particular as to location but thrive equally well in partial shade or sun. 2 to 2½ feet, and are profuse bloomers. The bloom is double, abundant, in small leafy racemes, and opens well in water when cut. A fine annual for cool climate. Sow in light, warm soil, as early in the spring as the ground can be worked, or if planted in August they will bloom the following summer.
 Mixed colors, pkt. 5c ¼ oz. 25c

COBEA SCANDENS—(Cup and Saucer Vine) Pkt. 5c, ¼ oz. 50c
 A half hardy climbing annual, with large leaves and large trumpet shaped flowers, the blossom is green until nearly grown, when it turns bright purplish blue—grows about 20 feet high and is very desirable for covering a large lattice. A native of Mexico.

COLUMBINE—(Aquilegia)—Double Mixed pkt. 5c, ¼ oz. 30c
 Of the easiest culture and when once established will furnish for many years a magnificent display of the handsomest flowers each spring and summer. The beds should be kept clear of weeds and given each year a liberal dressing of well rotted manure. Hardy herbaceous perennials; two to three feet high.

CONVOLVULUS MAJOR

(Tall Morning Glory.)

A hardy climbing annual growing about 10 feet high. Flowers are well known and exist in a great variety of colors, tints and markings. Fully expanded only in the mornings. Of easy culture, quick growth and valuable in every garden.

Rose Pkt. 10c
White Pkt. 10c
Striped Pkt. 10c
Crimson Pkt. 10c
Purple Pkt. 10c
Blue Pkt. 10c
 1 pkt. each of the above six varieties 50c
Tall Mixed—pkt. 5c oz. 25c



Morning Glory (Convolvulus Major Mixed)

CONVOLVULUS MINOR—Dwarf Morning Glory—A very early flowering annual with brilliant flowers. Of very easy culture.
Finest Dwarf Mixed—pkt. 5c oz. 25c

CONVOLVULUS—JAPANESE MORNING GLORY—See Ipomea.

COREOPSIS LANCEOLATA—A very hardy perennial, blooming the first year and producing on long stems a succession of rich bright yellow flowers two to three inches across. Very valuable for cutting. Seed may also be sown in fall outdoors. About two feet. Pkt. 10c, ¼ oz. 30c.



COSMOS—Early Flowering

COSMOS

Cosmos is the showiest of our late summer and autumn blooming annuals, hardy, of rapid growth, forming bush-like plants with feathery foliage. The flowers are gracefully poised on long stems and very useful for decorative purposes, lasting a week or more in water. It is a very prolific bloomer, and if the plants are given enough space to develop well, will branch freely, every shoot being covered with a mass of flowers. Cosmos is very effective among shrubbery and especially desirable for interplanting with early blooming perennials, as it fills in the gaps when the latter are through flowering. Seed sown in the open ground in the early part of May, will produce blooming plants in July, and will continue to flower until late in the fall. Cover the seed with $\frac{1}{4}$ to $\frac{1}{2}$ inch of soil firmly pressed down, or the seed may be started under cover, and afterwards transplanted, not less than 12 inches apart in rows, or in masses in beds. When the plants are about a foot high, they should be pinched out to induce a bushy growth. They prefer a light, dry, sandy or poor soil, not too rich. Cosmos should have a sunny situation.

Early Flowering—White, tinted pink	Pkt. 10c
Early Flowering—Pink	Pkt. 10c
Early Flowering—Crimson	Pkt. 10c
Early Flowering—Pure white	Pkt. 10c
Early Flowering Mixed—Pkt. 5c, $\frac{1}{4}$ oz. 25c.	oz. 75c

COSMOS

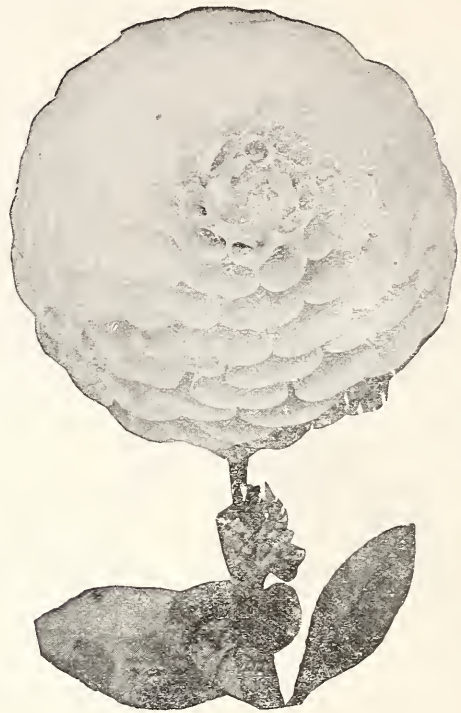
Early Double Crested

This new type of Cosmos is unique and exceedingly pretty. The flowers are of good size, with fully double centers and an outer row of broad ray petals. The plants are vigorous, attaining a height of 4 feet, and are covered with blooms. This is the best of all Cosmos for cut flowers, lasting well in water, and the dainty colors are most attractive for either garden or table decoration. Give Cosmos the full sunshine for successful growth.

Double Crested—Pink beauty	Pkt. 15c
Double Crested—White Queen	Pkt. 15c
Double Crested—Mixed	Pkt. 15c, $\frac{1}{4}$ oz. 75c

CYPRESS VINE—(Ipomea Quamoclit)—A hardy rapid climbing annual, with feathery foliage, bearing bright scarlet and white flowers very profusely. Mixed Pkt. 5c $\frac{1}{4}$ oz. 25c

Daisy (Bellis)—English Daisy—Pkt. 5c. $\frac{1}{4}$ oz. 50c
A low growing early spring flowering plant. Very desirable for edging or borders. Daisies are indispensable for cool shady places and are easily raised from seed. A favorite hardy perennial.



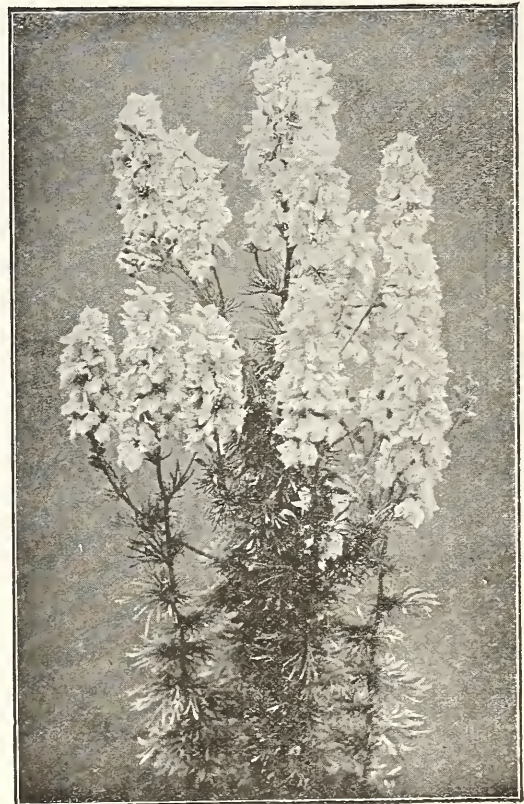
DAHLIA—(Double)

But few people know Dahlias can be raised from seed and will bloom the first year. The seeds germinate easily and from the very first are strong and sturdy little plants. Plant them in a shallow box or pan early in March or April, transplant them carefully as their growth demands, and keep the soil moderately moist. When all danger from frost is over, plant them in the bed or border in the garden, and from then on they will prove no more trouble than if the tubers had been used instead of seed.

DAHLIA—Double Mixed pkt. 10c $\frac{1}{4}$ oz. 50c
Choice mixed colors in great variety and flowers of excellent form.

DAHLIA—Single Mixed, pkt. 5c $\frac{1}{4}$ oz. 30c
Seed saved from the choicest varieties.

DAISY—(Shasta)—(See Chrysanthemum.)



DELPHINIUM—Perennial Larkspur.

(See next page.)

DELPHINIUM**Perennial Larkspur**

These are one of the most handsome and useful hardy plants, and for the perennial border are invaluable. Excellent for cut flowers, producing large, long spikes of beautiful flowers, of varying shades of blue. Hardy perennial.

Formosum—Dark blue Pkt. 10c
This is the old favorite dark blue Larkspur, and one of the best. Hardy perennial. Three feet.

Belladonna Pkt. 10c
A very free and continuous bloomer, with flowers of a turquoise blue. Hardy perennial. Three feet.

Hybridum—Finest Double Mixed in a great variety of charming colors. Three feet. Pkt. 10c, ¼ oz. 50c

FOR ANNUAL VARIETIES SEE LARKSPUR**DIANTHUS OR PINKS**

One of the most popular flowers in cultivation, producing a wonderful variety of bloom in most brilliant colors, and are most profuse bloomers. The varieties classed as annuals are really biennials, and in mild climates will survive the winter with light protection. In this northern latitude, they are best sown in the house, and then transplanted to the open after safe from frost, when in a very short time they will be a mass of bloom, continuing until cut down by frost. In good sheltered locations, they may be sown out of doors. The double types are almost as useful as Carnations for cut flowers, and all will succeed in almost any kind of good soil, if given a sunny location. Height 12 inches.

SINGLE ANNUAL VARIETIES

Crimson Bell—Rich Velvety Crimson Pkt. 10c

Eastern Queen—Beautifully marked with rose and mauve. Pkt. 10c

Hedderwigii—(Single Japan Pink)—Flowers of the most wonderful coloring, beautifully marked. Mixed colors. Pkt. 5c ¼ oz. 25c

DIANTHUS OR PINKS**DOUBLE ANNUAL VARIETIES**

Hedderwigii Fl. Pl.—(Double Japan Pink)—Very large and double flowers of brilliant colors. Mixed Pkt. 10c, ¼ oz. 30c

Chinensis Fl. Pl.—(China or India Pink)—Blossoms in clusters, with a brilliant assortment of colors. Pkt. 10c, ¼ oz. 30c

HARDY GARDEN PINK

Plumarius—Hardy Perennial Pink, Grass Pink, Scotch Pink, Clove Pink or Pheasants Eye—A single hardy perennial pink, with fringed edge, light colored flowers with a darker center variously colored. The old-fashioned garden favorite. Pkt. 10c ¼ oz. 35c

DOLICHOS—(Hyacinth Bean)—Daylight—Pkt. 10c oz. 35c
This is a white form of the well known Hyacinth bean, and of most rapid growth and very free blooming habit. It has been known to bloom in 8 weeks from the time of sowing, at height of ten feet. Annual.

DOLICHOS—(Hyacinth Bean)—Scarlet—Pkt. 10c oz. 35c
A scarlet type of the same rapid growth as the preceding variety and very free flowering. Annual.

ECHINO CYSTIS LOBATA

(See Wild Cucumber)

ESCHSCHOLTZIA**California Poppy****Eschscholtzia**

A very attractive profuse blooming hardy annual, for beds, edging or masses. Bloom from early summer until frost. Should be grown in every garden. Height one foot.

White Pkt. 10c, ¼ oz. 30c
Rose Pkt. 10c, ¼ oz. 30c
Crimson King Pkt. 10c, ¼ oz. 30c
Golden West Pkt. 10c, ¼ oz. 30c
Fine Mixed Pkt. 5c, oz. 25c
Peerless Mixed—A well-balanced mixture of all the above and many other fine varieties of California Poppies. Grown as a border or as solid beds they will make a fine display all during the summer and fall, lasting until frost. Pkt. 10c, ½ oz. 30c oz. 50c

California Poppy Novelties

Tango—Bronzy-red overlaid terra-cotta, a popular shade with the ladies. Pkt 15c ¼ oz. 50c

Mauve Beauty—A delicate new color previously unknown, a beautiful shade of pure mauve. Pkt. 15c, ¼ oz. 50c

Purple Glow—A bright reddish purple, and is the darkest shade obtained so far. Pkt. 15c ¼ oz. 50c

Lovely—A lovely tone of bright rose pink, suffused with salmon, the blooms have a satiny appearance, which adds very much to the effect "LOVELY" Pkt. 15c ¼ oz. 50c

Scarlet Beauty—The brightest of all. A deep scarlet, it has the appearance when in bloom of a vivid scarlet Tulip. Pkt. 15c ¼ oz. 50c

BUSH ESCHSCHOLTZIA—See Hunnemannia.

EUTOCA—(Viscida)—Intense Blue Pkt. 5c
Foliage dull green, covered with hairs; blooms blue and striped. ¾ of an inch across, produced in terminal racemes. Succeeds best in warm sandy soil, not over rich. Sow in open ground early in spring, and thin to one foot apart. Hardy annual, one foot high.

EVENING PRIMROSE—(See Oenothera.)**EVENING SCENTED STOCK—(See Mathiola Bicornis.)****FEVERFEW—(See Matricaria.)****FORGET-ME-NOT—(See Myosotis.)**

FOXGLOVE—(Digitalis)—Mixed—Pkt. 5c ¼ oz. 30c
Grows to the height of three or four feet, with dense spikes of brilliantly colored flowers, which are terminal and half as long as height of plant. Colors; White, Lavender and Rose. A valuable flower in every perennial garden, does not usually blossom until the second year. Hardy biennials or perennials.

FOXGLOVE—(Digitalis)—Gloxiniaflora—Pkt. 10c ¼ oz. 40c
This type of similar growth to the preceding variety, bears beautifully spotted flowers resembling the Gloxinia.

FOUR O'CLOCK—(Marvel of Peru)—Mixed pkt. 5coz. 25c
These flowers are funnel-shaped. Red, White, Yellow or Striped with these colors and open about four o'clock in the afternoon remain open all night and generally perish about noon next day. The abundance of new flowers produced daily affording constant succession of fine blooms. Sow seed in open ground Hardy annual; two feet high.



GAILLARDIA—(Annual Mixed)
(Blanket Flower)

GAILLARDIA—(Picta Single Mixed)—Pkt. 5c¼ oz. 25c
Splendid showy annuals, remarkable for the profusion, size and brilliancy of their flowers, continuing to bloom from early summer till November; excellent for cutting, 1½ feet high. Annual. (See cut on page 63).

GAILLARDIA—Double Mixed—One of the prettiest and best early-flowering annuals. These are variously and gayly colored in shades of yellow, orange, brown, bronze, and deep maroon. The deeper colors are usually tipped with contrasting shades of yellow and creamy white.
Pkt. 10c¼ oz. 40c

HARDY PERENNIAL VARIETY

GAILLARDIA—Grandiflora Superb Mixed—Beautiful flowers with yellow tips and crimson centers. A splendid combination. 2 feet high.
Pkt. 10c¼ oz. 40c

GERANIUM—Zonale—Mixed A superb strain of the largest and finest varieties. Very interesting to grow from seed, which should be started indoors and transferred to the open when safe from frost. Pkt.15c

GODETIA—Finest Mixed—Pkt. 5c¼ oz. 25c
A hardy annual growing from 6 to 10 inches high. Of compact growth with a profusion of satiny cup-shaped flowers in deep red, pink and white, shaded and blended. Valuable for bedding or massing.

GOMPHRENA, or Globe Amaranth, Mixed—Pkt. 5c,¼ oz. 25c
A low growing hardy annual, everlasting or straw flower; about eight inches high, with globe-shaped flowers, in mixed colors. The plant makes a good border and is attractive, either while growing or dried.



Gypsophila—(Perennial Variety)

GOURD

Both Useful and Ornamental

A tribe of climbers with curiously shaped and colored fruit. Being of rapid growth they are fine to cover old fences, trellises, stumps, etc. Tender annual; ten to twenty feet high.

Hercules Club—Distinctly club-shaped, the longest of all varieties. Pkt. 10coz. 25c

Japanese Nest Egg—Used as nest eggs; fruits are white, do not crack, and are not injured by heat or cold. Pkt. 10c, oz. 25c

Sugar Trough—Has durable thick shell, and is often used for dishes and other household utensils. Pkt. 10coz. 25c

Dipper or Siphon—Greatly used for dippers, fruits long and bottle shaped, with straight or slightly crooked neck. Pkt. 5c oz. 25c

Gourds Mixed Pkt. 5coz. 25c

GYPSOPHILA

GYPSOPHILA—(Annual)—Baby's Breath or Bridal Veil
Pkt. 5coz. 30c

Delicate, free flowering little plants covered with a profusion of white, small star-shaped flowers. Valuable in conjunction with other flowers for making bouquets. Will thrive anywhere. An annual that should be in every garden.

GYPSOPHILA—(Paniculata)—Perennial—Pkt. 10c¼ oz. 25c
A graceful hardy plant, fine for cutting for bouquets; flowers in feathery white panicles; height 1½ feet.

GYPSOPHILA—(Rokejeka)—PerennialPkt. 10c
A beautiful tall growing type, with delicate rosy pink blossoms. New.

HELIOTROPE—Mixed, Pkt. 5c¼ oz. 75c
Blooms from seeds the first year and as early as Sweet Peas or balsams. Heliotrope, although a tender perennial, will bloom as easily from seed as any of the common annuals. Two feet.

HELICHRYSUM—(See Straw Flower.)

HESPERIS—(See "Sweet Rocket".)

HOLLYHOCK

CHATER'S DOUBLE VARIETIES

Our seeds of this have been saved from the finest and largest double flowers only, and will produce flowers extremely double and in the best, brightest and most charming colors. Sow in April, May or June for next year's blooming Perennials. Four to six feet.

Blood Red ¼ oz. 50c, Pkt. 10c	Rose .....¼ oz. 50c, Pkt. 10c
White .....¼ oz. 50c, Pkt. 10c	Maroon .....¼ oz. 50c, Pkt. 10c
Pink .....¼ oz. 50c, Pkt. 10c	Crimson .....¼ oz. 50c, Pkt. 10c
Yellow .....¼ oz. 50c, Pkt. 10c	

Three Packets of any of the above varieties.....25c
Six Packets of any of the above varieties.....50c
Chater's Double Mixed—Pkt. 10c,¼ oz. 40c

SINGLE ANNUAL VARIETIES

HOLLYHOCK—(Annual)—Single Mixed Pkt. 10coz. 40c

HUMULUS—(Japanese Hop)—Pkt. 10c,¼ oz. 30c
Variegated Japanese Hop. Quick growing vine for veranda or trellis. Annual; not subject to insect pests; very handsome; stands drouth well. Twelve feet.



Hunnemannia—(Bush Eschscholtzia)

See Next Page

HUNNEMANNIA or **BUSH ESCHSCHOLTZIA**—Pkt 10c, ¼ oz 30c
Known as the Santa Barbara Poppy. An erect-growing tender perennial, about two feet high. Foliage fine cut and feathery. Blossoms beautifully, cup-shaped, bright yellow and about three to four inches across. Stems long and smooth. There are few more satisfactory flowers in the garden than the Hunnemannia.

HYACINTH BEAN—(See *Dolichos*.)

ICE PLANTPkt 5c
Pretty summer trailing annual for vases and rock work; leaves covered with ice-like drops. Very useful for garnishing.

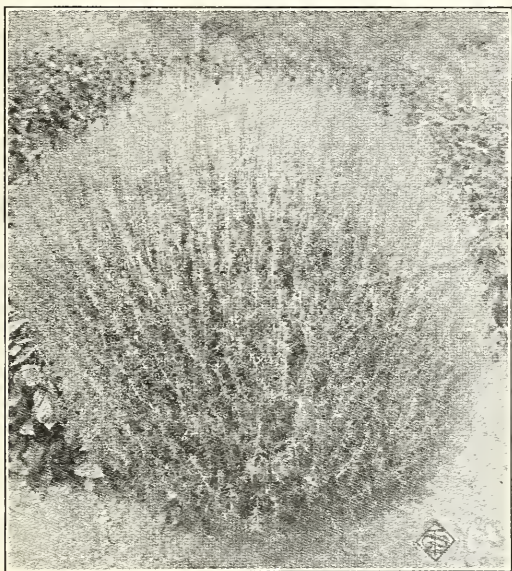
IPOMEA—BONA NOX—(Evening Glory or Good Night)—Large fragrant violet blossoms expanding in the evening.
Pkt 10coz. 30c

IPOMEA—(Mikado) (Japanese Morning Glory)—Pkt. 10c, oz 30c
New Improved Japanese Convolvulus of grand variety, flowers measuring from 4 to inches across, great variety of colors. very handsome foliage.

IPOMEA QUAMOCLIT—(See Cypress Vine.)

IPOMEA NOCTIFLORA—(See Moonvine.)

KENILWORTH IVY—(*Linaria*) Creeping Charlie.....Pkt. 10c
A charming trailing plant, especially adapted for hanging baskets. Tender perennial.



Kochia Trichophylla—Mexican Burning Bush

KOCHIA OR MEXICAN BURNING BUSH—Pkt. 5c, ¼ oz. 25c
Grows quickly from seed sown in the open ground. The plants are of rounded or globe-like form. Early in the fall the ends of the shoots are thickly set with small bright scarlet flowers the bushy plants resembling balls of fire; makes a very good summer hedge. Hardy annual. Three feet.

KUDZU VINE—(*Pueraria Thunbergiana*)Pkt. 10c
To this must be awarded first place as the fastest growing hardy climbing plant. It will grow 8 to 10 feet the first year from seed, and after it becomes established there seems to be no limit to its growth. Its foliage is large and covers well; bears small racemes of rosy-purple, pea-shaped blossoms towards the close of August. A splendid subject for covering permanently verandas, dead trees, etc. Hardy perennial.

LARKSPUR (Hardy Annual)

This hardy annual is one of the best of garden plants. Sown indoors early in the season, and transplanted to the open ground as soon as safe from frost, will produce blooming plants in July, which will continue in flower until frost. A splendid cut flower.

Tall Double Stock Flowered

Larkspur, Pure White, Pkt10c
Larkspur, Shell Pink, Pkt.10c
Larkspur, Carmine, Pkt.10c
Larkspur, Dark Blue Pkt.10c
Larkspur, Finest Mixed, Pkt. 5c, ¼ oz. 25coz. 75c

LARKSPUR—Emperor Mixed—The flowers are quite double and of the most beautiful shades, Pkt. 10c, ¼ oz. 30c.....oz. \$1.00

For perennial Varieties of Larkspur see *Delphinium*.

LAVENDULA VERA—(Sweet Scented Lavender)—A well known sweet scented shrub, of dwarf bushy habit. Extremely desirable for its delicious perfume. Hardy perennial. Should be extensively grown in every mixed borderPkt. 10c

LINUM—(Scarlet Flax) Pkt. 5c¼ oz. 25c
Distinguished for their brilliant colored flowers which are crimson with black center, saucer-shaped, and very conspicuous in bed or border. The foliage of the plant is slender and delicate. Height 1½ feet. Hardy annuals.

LINUM—(Perene)—Pkt. 10c½ oz. 25c
A fine deep blue variety, growing about 18 inches. Hardy perennial.

LINUM—(Album) Pkt. 10c¼ oz. 25c
A handsome white variety of the hardy flax. Perennial.



LUPINUS,
or **LUPINS**
— Mixture
of all col-
ors. Pkt.
5c; oz. 25c.

Hardy annuals in great variety, growing from 1 to 3 feet high, and bearing spikes of pear-shaped flowers. Of the easiest culture Sow in the open ground and thin to six inches apart.

Lupinus

LOBELIA—(Crystal Palace)—Small compact bushes covered with deep azure-blue flowers. Makes a very attractive border and blooms early in the season until frost.

Pkt. 10c¼ oz. 50c
White Gem—Dense balls covered with snow-white flowers.
Pkt. 10c,½ oz. 40c

LYCHNIS—Chalcedonica—(Also called Burning Star, Jerusalem Cross, Maltese Cross, Ragged Robin)—Bright scarlet flowers, handsome for beds and borders. Of easy culture, growing in any rich garden soil, blooming the first year if sown early. Hardy perennial. 2 to 3 feet. See Cut page 33.
Pkt. 10c¼ oz. 30c



Marigold—(African Double. See next page.)

LOVE IN A MIST—(See Nigella.)

AFRICAN MARIGOLD**TALL. DOUBLE**

Old-time favorites of most easy culture and growth. One of the most showy annuals with their wonderful shades of yellow. Require a light soil and full exposure to the sun to get best results. Three feet.

Eldorado—Flowers very large, imbricated and very double, Colors in all shades of yellow—Pkt. 10c ¼ oz. 40c

Lemon Queen—Large flowered variety with lemon yellow flowers—Pkt. 10c ¼ oz. 40c

Orange Prince—A very large and showy variety, with very double flowers of a rich deep golden-orange color. Pkt. 10c ¼ oz. 40c

Tall African Double Mixed Pkt. 5c ¼ oz. 25c

Dwarf French Marigold—The dwarf French Marigolds rarely exceeds one foot in height, and their most beautifully marked flowers of all shades of yellow and brown, are exceedingly attractive. Mixed Pkt. 5c ¼ oz. 25c

MATTHIOLA BICORNIS—(Evening Scented Stock.)

Pkt. 10c ¼ oz. 25c
No annual in cultivation equals this in delicate perfume of its flowers. The pink and lilac blossoms partly close during the day, but expand and impart their fragrance in the evening. Include with your order a packet or two of Evening Stock. You will not regret it. 12 to 18 inches.

MATRICARIA—(Feverfew)—Double white Pkt. 10c
A favorite bedding plant and profuse bloomer. Half-hardy perennial. Treat as an annual.

MEXICAN BURNING BUSH—(See Kochia.)

MIGNONETTE

MIGNONETTE —
(Sweet Scented)
Pkt. 5c, oz. 25c

A well known hardy annual, producing dense, spikes of exceedingly fragrant flowers. If sown at intervals in spring and summer, it will bloom until killed by frost. Thrives best in a cool temperature.



Mignonette—(Sweet Scented)

MIGNONETTE—(Golden Machet)—Pkt. 10c, ¼ oz. 25c
A compact growing variety with medium long, thick spikes of yellow florets.

MIGNONETTE—(Pure Machet)—Pkt. 10c ¼ oz. 25c
A compact growing variety with thick spikes and large florets of a reddish color.

MIGNONETTE—(Allan's Defiance)—Pkt. 10c ¼ oz. 25c
Very fine, long spikes of whitish flowers, splendid for cutting.

MIGNONETTE—(Goliath)—Pkt. 10c, ¼ oz. 25c
Enormous spikes of double red flowers.

MIGNONETTE—(Victoria)—Pkt. 10c, ¼ oz. 30c
A large flowered crimson variety.

MOON FLOWER—(Ipomea Noctiflora)—Pkt. 5c, ¼ oz. 50c
So called from its rare peculiarity of blooming best at night. Although it also expands its flowers on dull days. It is a beautiful climber, producing large, sweet-scented flowers 4 to 5 inches across. Tender annuals, 15 to 20 feet. Soak seed and plant in warm sunny place.

MUSK PLANT—(Mimulus Moschatus) Pkt. 5c
Foliage emits a strong musky perfume; yellow; fine for hanging baskets.

MYOSOTIS—(Forget-Me-Not)—Pkt. 5c, ¼ oz. 35c
Neat and beautiful little plants with star-like flowers; succeeding best in a shady, moist situation; half hardy perennials; blooming the first year from seed if sown early The true Forget-Me-Not; beautiful blue flowers.

MORNING GLORY—(See Convolvulus.)

MORNING GLORY—Mikado or Japanese—See Ipomea.

MOURNING BRIDE—(See Scabiosa.)

NEMOPHILA—(Love Grove)—Mixed Pkt. 5c
Of dwarf spreading habit. It is well adapted for border or pot culture. The flowers are exquisitely colored, blotched and spotted; they are quite apt to sport into an endless variety of shades, from black and blue to the lighter shades. Sow in spring and thin to 1 foot apart. Hardy annual; 6 inches high.

NASTURTIUMS

NASTURTIUMS are hardy annual, of easy culture and flower best where the soil is not too rich. The new hybrids include various shades of rose, salmon, bright red, pale yellow, etc., either self-colored or spotted, mottled, striped and margined. For covering trellises, fences, arbors, piazzas, trailing from vases, over rockwork, for bedding, etc., nothing can equal the gorgeous effect produced by their marvelous wealth of bloom, borne in uninterrupted splendor from early Summer until cut down by frost. The seeds picked green and pickled in vinegar have a piquant, appetizing flavor that is a valuable addition to relishes or pickles.

NASTURTIUMS—Dwarf Prize Mixture—Price 1 lb., \$1.75; ¼ lb. 50c; 2 oz. 25c; 1 oz. 15c; Pkt. 5c

Cloth of Gold—Scarlet flowers and yellow foliage.

Golden Queen—Golden yellow with golden foliage.

King of Tom Thumbs—Glowing scarlet dark foliage.

King Theodore—Black-brown, with dark foliage. The darkest of them all.

Prince Henry—Light yellow mottled with scarlet.

Vesuvius—Brilliant salmon-rose, dark foliage.

NASTURTIUMS—Dwarf—Named Varieties.

¼ lb. 60c, oz. 20c Pkt. 10c

NASTURTIUMS—(Tall or Climbing)—Named Varieties.

¼ lb. 60c, oz. 20c, Pkt. 10c

Chameleon—Bears different colored flowers on the same plant.

Gold Garnet—Orange yellow, with garnet blotches.

King Theodore—Deep maroon with dark foliage.

Prince Henry—Light yellow, mottled with scarlet.

Vesuvius—Salmon-rose, with dark foliage.

NASTURTIUMS—Tall Prize Mixed—Price, 1 lb. \$1.50, ¼ lb. 50c, 2 ozs. 25c, 1 oz. 15c Pkt. 5c



Tall or Climbing Nasturtiums

NICOTIANA SANDERAE

Hybrids Mixed
Pkt. 10c ¼ oz. 30c. Handsome garden plants of the tobacco family, valuable for the long duration of their bloom. Flowers white, carmine-rose, or violet; is in full bloom during the day. Very floriferous. Hardy annual. 3 feet.



Nicotiana (Flowering Tobacco Plant.)

NICOTIANA AFFINIS—
(Sweet Scented Tobacco Plant) — Delightfully sweet-scented, pure white, tubular flowers, blooming continually; hardy annual, two to three feet.
Pkt. 5c ¼ oz. 25c



Nigella

NIGELLA DAMASCENA—(Love-in-a-mist or Devil-in-a-Bush)—
This is a low growing annual, producing blue and white flowers in great profusion. The flowers are followed by curiously formed seed pods. The foliage is very pinnate or finely cut. Of compact habit. One foot. Mixed colors—Pkt. 5c, oz. 30c.



Oenothera Afterglow
(Evening Primrose)

OENOTHERA AFTERGLOW —
California Evening Primrose—
This is a novelty among the evening primroses of great beauty for the garden. The combination of red stems with red buds and yellow flowers make it a beautiful and striking plant in any collection of hardy annuals.....
Pkt.10c

StimUplant
Makes a
Wonder Garden

PHLOX Drummondii
(ANNUAL VARIETIES)



Unquestionably one of the finest annual bedding plants grown. Sown in the open round immediately all danger of frost is past, and in a few weeks they are a mass of brilliant hued blooms continuing until cut down by frost

Alba—Pure white.....Pkt. 10c
Fireball—Fine Scarlet.....Pkt. 10c
Oculata—White with Purple Eye. Pkt. 10c
Isabellina—Yellow.....Pkt. 10c
Radowitzii—Rose with white eye. Pkt. 10c
Peerless Mixed.....Pkt. 10c, ¼ oz. 50c
Fine Mixed.....Pkt. 5c, ¼ oz. 40c
Any of above named varieties,¼ oz. 50c

PHLOX—HARDY PERENNIAL (F. Decussata.)

One of the finest hardy perennials, with extremely large heads of the most magnificently colored flowers, remaining in bloom during the late summer months. Two to three feet
Mixed Pkt. 10c¼ oz. 75c

MASTODON PANSIES

These popular flowers thrive best on a cool moist but well-drained soil, enriched with well-rotted barnyard manure or fine ground bone. Seeds sown early will produce fine plants for autumn blooming. The proper method is to sow in July or August and protect the plants during the winter when they will flower continuously the next spring and summer. Our Pansies are renowned as the most beautiful pansies in the world for size and color.

ADONIS (New)—This beautiful pansy is of huge size, in light blue, baby blue, and lavender shades. The ladies favorite. Pkt.10c

BEACONSFIELD (New)—A fine bluish purple with a distinct lavender tinge on the upper part of the petals. A beautiful shade. Pkt.10c

BRONZE MASTODON—Wonderful shades of bronze—from light burnished brass to deep bronze, wonderfully tinted with almost every shade known in pansiesPkt. 10c

BLACK MASTODON—This beautiful pansy varies from a deep velvety purple to a satiny jet black, with blooms of immense size. A rare colorPkt. 10c



GRAND DUKE MICHEL—(Improved Candidissima)—The finest and largest pure white pansy knownPkt. 10c

MADAME PERRETT—A distinct type of Pansy, dark wine, pink and red, edges of petals edged with white, beautifully frilled flowers and veined with rich contrasting colors. Pkt.....10c

MADAME STEELE—(Elks Purple)—A beautiful and attractive shade with very large flowersPkt. 10c

PANAMA PACIFIC—A huge deep yellow, many with a dark eye, almost a velvety black, some flowers a solid yellow.....Pkt. 10c

PRINCE HENRY—A splendid Dark Blue of immense size. The finest dark blue knownPkt. 10c

PARISIAN YELLOW—A pure yellow of grand form and size. Pkt.10c

WHITE MASTODON—(With Dark Eye)—This is one of the largest pansies grown, the flowers are enormous.....Pkt. 10c

Pansy Fine MixedPkt. 5c, ¼ oz. 50c

S. N. & S. Co.'s Peerless MixedPkt. 10c, ¼ oz. \$1.00

S. N. & S. Co.'s Premium Mixed.....Pkt. 20c, ¼ oz. \$1.25

PETUNIAS

PETUNIA—(S. N. & S. Co.'s Double Mixed)
Pkt.25c

This is a mixture of the best large flowering and fringed double Petunias. Seed is saved from plants grown in pots, carefully pollinized and will produce grand flowers. Only a certain percentage of double flowers may be expected from seed, varying from 25 to 40 per cent. of doubles, while the remainder will be choice large single flowers. The weaker seedlings should be carefully saved, as these very often produce the finest double flowers.



Petunia—S. N. & S. Co.'s Double Mixed
SINGLE VARIETIES

PETUNIA

Howard Star—
Pkt.10c
Crimson-maroon with a well defined five-pointed, white star in center. Pkt. 10c, 1/8 oz.50c

PETUNIA — Fringed and Ruffled. Enormous flowers having edges of petals beautifully fringed and ruffled. Of great variety of colors many being beautifully veined. Pkt. 10c 1/8 oz.50c

PETUNIA— Blotched and Striped. A splendid selection of wonderful coloring. Very large and free flowering. Pkt.10c 1/8 oz.50c



Petunia—(Single Fringed)

PETUNIA—Rosy Morn—A bright Rosy pink, with silvery white throat, very charming, compact and free flowering. Makes a very dainty and effective border. Pkt. 10c, 1/8 oz. 65c



True Oriental Poppy—(Papaver Orientale)

POPPIES

Annual Poppies should be sown as early in the spring as possible; they do not stand transplanting. Sow very thinly, barely covering the seed. Press down firmly, and they will come up in a few days. It is well to make several sowings at intervals to keep up a succession of bloom. If picked just before expanded, the flowers will last several days. Two feet.

SINGLE ANNUAL VARIETIES.

POPPY—(Miss Sherwood)—Satiny white. Pkt. 10coz. 40c
Shaded on fringed margin with salmon rose. Height 2 feet.

POPPY—(Tulip or Glaucum Flowered)—Pkt. 10coz. 40c
Intense scarlet single blossoms. The brightest colored of all Poppies.

POPPY—(Single Annual)—Mixed colors, Pkt. 5c, oz. 25c1/4 lb. 85c
Gorgeous colorings, easily grown from seed sown in the open ground, where they are to remain.



Shirley Poppies

POPPY Shirley Mixed—
Pkt. 10c, oz. 40c
An extra fine strain of charming poppies. They are single and occasionally semi-double and range in colors from the purest white through the delicate shades of pale pink, rose and carmine to the deepest crimson and blood red, while many are dainty edged and striped. In fact so varied are they that scarcely any two flowers are alike.

POPPY—(Dannebrog or Danish Cross)—Pkt. 5coz. 25c
Very showy variety, producing large flowers of brilliant scarlet, with a silvery white spot on each petal, forming a white cross.

POPPY—(Admiral)—Pkt. 10coz. 40c
White margined with brilliant scarlet. A very fine new color.

DOUBLE ANNUAL VARIETIES

These Poppies are very handsome. The flowers grow to an enormous size, from 6 to 7 inches in diameter, are as double as Peonies and the colors are very rich and striking.

POPPY—(Double Carnation or Peony Flowered, Mixed)
Pkt. 5coz. 25c
Large, full, double fringed flowers, 2 feet high.

POPPY—(Cardinal Scarlet)—Pkt. 10coz. 30c
Splendid double fringed flowers.

POPPY—(White Swan or White Fringed)—Immense double white flowers, beautifully fringed, Pkt. 10coz. 30c

POPPY—(Double Salmon Pink)—A beautiful shade and a favorite with all. Pkt. 10coz. 30c

POPPY—(American Flag)—Pkt. 10coz. 30c
Beautiful variety; flowers very large and double; snow-white, bordered with scarlet.

POPPIES—PERENNIAL VARIETIES

Hardy perennials of easy culture; in bright glowing colors.

POPPY—ORIENTAL—(Papaver Orientale)—Pkt. 10c.....1/4 oz. 45c
This is the most gorgeous perennial Poppy flowering in June and July, with enormous blossoms often measuring 5 to 6 inches across, deep crimson, with a conspicuous black blotch on each petal. Transplanting should be done carefully. The best time to lift plants is in August.

POPPY—(Oriental Hybrids)—Mixed Pkt. 10c1/4 oz. 40c
Beautiful hybrids of the Oriental Poppy, producing flowers of immense size, 6 inches and over in diameter, and of many novel colors, ranging from delicate shades of salmon to deep crimson.

POPPY—ICELAND—(Papaver Nudicaule)—Pretty tufted foliage, flowers on long wiry stems in shades of white, yellow, and orange, with satiny crinkled petals; beautiful flowers in colors.

Bright YellowPkt. 10c
Pure WhitePkt. 10c
OrangePkt. 10c
Mixed Pkt. 10c1/4 oz. 50c

PORTULACA

(Moss Rose or Sun Plant)

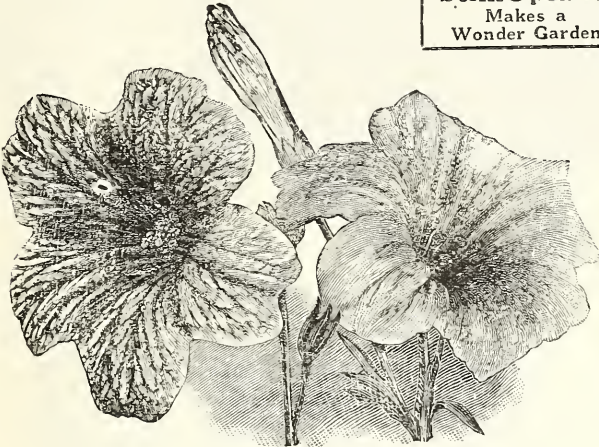
A low growing or creeping tender annual, six to eight inches high. One of our best annuals, of easy culture, thriving best in rather rich light loam or sandy soil, and luxuriating in an exposed sunny situation. The glossy cup shaped flowers are produced in great profusion throughout the summer, and are of the richest colors. Very fine for massing in beds, edgings or rockwork, and is frequently used to sow broadcast over sunny banks. The seed germinates slowly, and should be started under glass or when the weather is hot. They love the sunshine and do best on rather dry ground.

PORTULACA—Single Mixed Pkt. 5c¼ oz. 25c

PORTULACA—Double Mixed Pkt. 10c¼ oz. 75c

PYRETHRUM AUREUM—(Golden Feather).....Pkt. 10c
A most desirable dwarf Pyrethrum for edging of borders, with golden yellow foliage. Half-hardy perennial. Six inches.

RICINUS—(See Castor Oil Bean.)



SALPIGLOSSIS—(Finest Mixed.)

SALPIGLOSSIS—(Painted Tongue)—Finest Mixed, all colors. Pkt. 5c¼ oz. 35c
One of the greatest favorite annuals of easy culture, beautiful orchid-like flowers, produced from early summer until late fall. Seed should be sown early in spring in a hot bed or window and transplanted when weather is settled or directly out of doors after danger of frost. Two to three feet.

SALPIGLOSSIS—(Emperor Mixed)—Pkt. 10c¼ oz. 40c
oz.\$1.25
Large improved strain with a complete range of colors.

SALVIA—(Scarlet Sage)—Pkt. 5c¼ oz. 50c
A tender perennial, blooming the first season from seed. The blossoms are borne on long stems in racemes or spikes and are fragrant. The plant blooms profusely. Two feet.

SWEET SCENTED LAVENDER—(See Lavendula.)

SWEET PEAS

We are headquarters for strictly high grade sweet pea seed. We have the choicest up to date sweet peas known, many of the varieties offered were awarded the certificate of merit by both the American Sweet Pea Society of America and the Royal Horticultural Society of England... See Pages 67-69.

S. N. & S. CO.'S

Special Flower and Vegetable Seed Collections—See Page 72.

See Index on last page, for complete list of varieties of seeds and Plants listed in this catalog.

State Nursery and Seed Co
Helena, Mont.

Gentlemen:—I have always bought my seeds from you, except once, and that year my garden was a failure—not half of it came up. Your seeds, however, are reliable, and we will always use them.

Thanking you
Yours Very Truly,
Mrs. R. S. Brownell.

Belgrade, Montana.



Scabiosa (Mourning Bride)

SCABIOSA

Mourning Bride, or Pincushion Flower—They grow about 2½ ft. high, and come into bloom early in July and continue without interruption until hard frost. The beautiful flowers in exquisite shades are borne on long stems, and when cut, keep in perfect condition for the best part of a week. They make effective borders or beds, and no garden is complete without Scabiosa, especially when flowers are wanted for cutting. Hardy annual.

Azure Fairy—Clear Lavender BluePkt. 10c

Snowball—Pure whitePkt. 10c

Fiery ScarletPkt. 10c

Tall Double MixedPkt. 10c, ¼ oz. 35c

Dwarf Choice MixedPkt. 5c, ¼ oz. 25c

Every well-balanced garden needs perennials, for the border, scattered through shrubbery, in the corners, everywhere. See list on page 66.



Basket of Gaillardias
See(Page 58)

These splendidly showy annuals are one of the most glorious grown, blooming from early summer to late fall, and will succeed in all parts of this section. As the above photo shows—they lend themselves to a large range of decorative purposes.



Schizanthus.

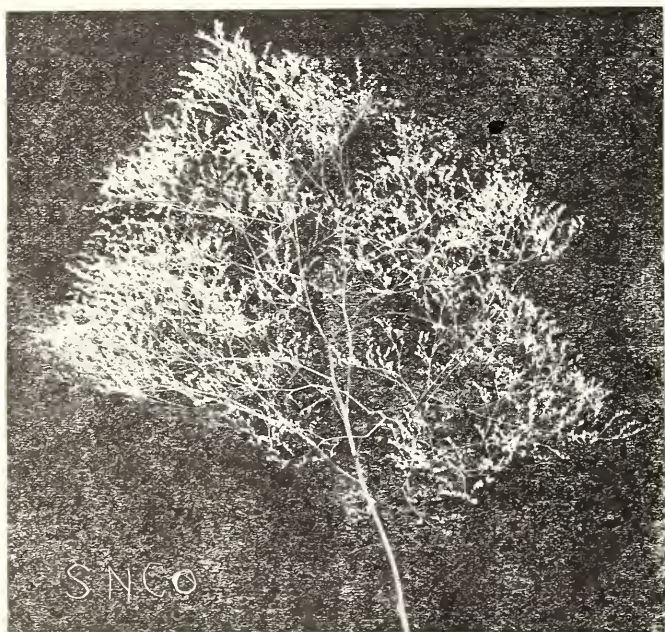
SCHIZANTHUS—(Butterfly or Fringe Flower)—Called the "poor man's orchid" on account of their easy culture and resemblance in form and variety of coloring to some of the floral aristocrats. Sown out of doors in spring where they are to remain, or started inside and transplanted when the weather is suitable. Hardy annual. One to two feet. Mixed. Pkt. 5c ¼ oz. 25c

SHAMROCK—True small leaved Pkt. 10c

SHASTA DAISY—(See Chrysanthemum.)

SNAPDRAGON—(See Antirrhinum.)

StimUplant
Makes a
Wonder Garden



Statice

STATICE LATIFOLIA—(Sea Lavender) Pkt. 10c
These useful plants bear purplish blue everlasting flowers that last a long time after cutting, and are of very easy culture. Hardy perennial. Two feet.



STOCKS

(Gilliflower)

The stock is one of our very best annuals, either for bedding purposes or for pot culture. Their wonderful range of colors, and unequalled fragrance make them extremely valuable. Half hardy annual twelve to eighteen inches.

Improved Large Flowering 10 weeks Stocks.

Blood Red Pkt. 10c

Canary Yellow Pkt. 10c

White Pkt. 10c

Blue Pkt. 10c

Purple Pkt. 10c

Pink Pkt. 10c

Mixed—All colors. Pkt. 5c, ¼ oz. 50c

Stocks

MAMMOTH FLOWERING BEAUTY STOCKS—Early flowering or winter stocks, of a very branching habit. Largely grown for winter cutting by florists, and for greenhouse decoration. For outdoor use, sow in March, will then bloom from July to frost.

Beauty of Nice—Flesh pink Pkt. 15c

Princess Alice—White Pkt. 15c

Queen Alexandria—Rose Pkt. 15c

STOCK—Evening Scented—See Matthiola Bicornis.

VIRGINIA STOCK—(Malcomia Maritima)

An early flowering small flowered annual, largely grown for edging border. Height about 6 inches, and bloom continuously during cool weather, finest mixed, Pkt. 5c ¼ oz. 35c

STRAWFLOWER

Everlasting Flowers

The Everlasting or Strawflowers, with their rich bright colorings are most valuable for winter decorations. Plants grow readily from seed sown in the open ground when the trees are starting out in leaf. When well started, they should be thinned to stand several inches apart in the row, and should be kept cultivated to produce the finest and largest number of flowers. The blooms should be cut as soon as they open, tied in small bunches, and dried slowly in a cool, shady place, hanging the flowers downward to keep the stems straight.

ACROLINIUM—A very pretty half-hardy annual, producing white and rose colored double daisy like flowers. These are known as "Immortelles" and are desirable for wreaths and winter bouquets. Double Mixed, Pkt. 5c ¼ oz. 25c

AMMOBIUM ALATUM—Two feet. Large flowered, with handsome double white flowers; useful either in the garden or for winter bouquets; cut before the buds open Pkt. 10c ¼ oz. 35c

GOMPHRENA, or Globe Amaranth—A low growing hardy annual, everlasting or straw flower; about eight inches high, with globe-shaped flowers. The plant makes a good border and is attractive, either while growing or dried. Mixed Pkt. 5c ¼ oz. 25c

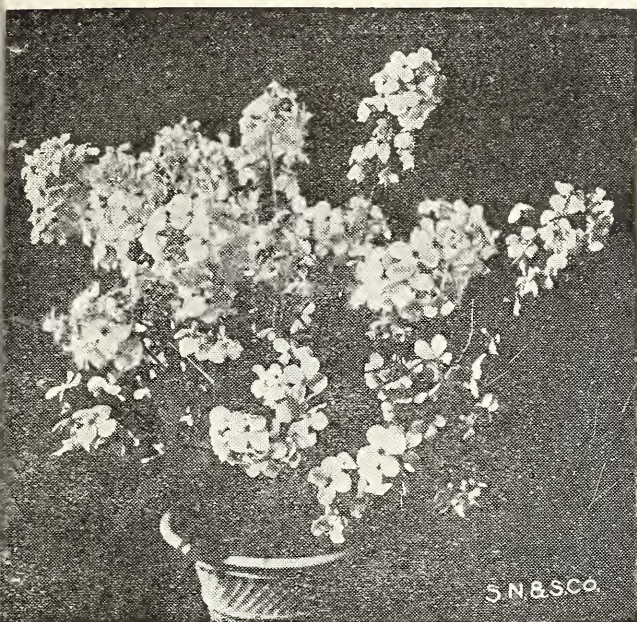
HELICHRYSUM—Showy, easily grown annuals for the border; fine for winter bouquets; cut before the buds expand. Mixed colors Pkt. 5c ¼ oz. 25c

XERANTHEMUM—A hardy annual, 1 foot high bearing handsome double flowers on long stems; colors mostly white, blue and purple; cut when fully developed. One of our best everlasting and easily grown Pkt. 5c ¼ oz. 25c

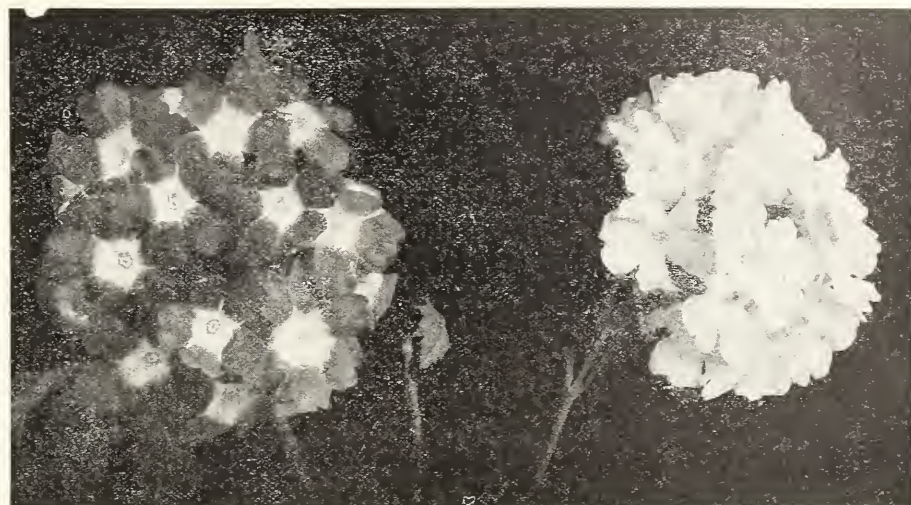
SUNFLOWER—(Mammoth Russian) Pkt. 5c, oz. 10c

SUNFLOWER—(Helianthus Californicus) Pkt. 5c, ½ oz. 25c
Chrysanthemum flowered. Hardy annuals, growing from 3 to 6 feet. Large densely double golden flowers. Fine, long stout stems for cutting.

SUNFLOWER—(Red New) Pkt. 10c ½ oz. 30c
Single large red flowers merging to yellow at tips of petals, very showy, height about 6 feet.



Sweet Rocket—(Hesperis)



Mammoth Verbenas

SWEET ROCKET—(Hesperis)—Mixed—Pkt. 5c;oz. 50c
A hardy perennial growing two feet high. A beautiful, fragrant flower of the easiest culture and bearing clusters of white and purple blossoms. Flowers in June and September.



Sweet William—(Single Mixed)

SWEET WILLIAM—(Dianthus Barbatius)—A beautiful sweet scented old-fashioned perennial. Grows one to two feet high and bears its flowers in clusters at the end of a stiff stem. The individual flowerets are handsomely colored and marked. It makes a beautiful bedding plant and is of easy culture.

SWEET WILLIAM—Single—Mixed. Pkt. 5c ¼ oz. 35c
The flowers are large, of handsome form and embrace a great variety of extremely rich and beautiful colors.

SWEET WILLIAM—Annual Flowering Mixed—A new strain that blooms the first season. Flowers large, borne in great profusion and in beautifully assorted colors. pkt 10c, ¼ oz. 50c

SWEET ALYSSUM—(See Alyssum.)

SWEET PEAS—(See Pages 67-69.)

THUNBERGIA—(Black-Eyed Susan)—Pkt. 5c ¼ oz. 30c
A beautiful tender climber, 3 to 5 feet high, with pale yellow or orange-yellow flowers having a distinct black center. Tender annual.

VERONICA—(Speedwell)Pkt. 10c
A beautiful species, with rich deep blue flowers.

VERBENAS

Verbena seed should be soaked in luke yarm water before planting and care taken that the soil be very rich. Half hardy perennial.

VERBENAS—MAMMOTH

Pink	Pkt. 10c
White	Pkt. 10c
Purple	Pkt. 10c
Striped	Pkt. 10c
Scarlet	Pkt. 10c
Rose and Pink Shades	Pkt. 10c
Fine Mixed—All colors	Pkt. 5c, ¼ oz. 30c
Peerless Mixed—Embracing a wide range of beautiful colors, the blooms being of mammoth size	Pkt. 10c, ¼ oz. 50c
Defiance—Intensely rich, brightest scarlet	Pkt. 10c
Firefly—Bright Red with small white eye	Pkt. 10c
Lutea—Yellow. A unique color among Verbenas. Very fine. Per Pkt.	Pkt. 10c

WHITLAVIAPkt. 5c
An easily grown, hardy annual, bearing small violet-blue cup-shaped blossoms. Plants one foot high. Sow seed in open ground in spring and thin the young plants. One foot.

WHITLAVIA GLOXINOIDES—Blue with white throat....Pkt. 10c

WISTERIA—(Sinensis Purple)Pkt. 10c
One of our most popular hardy climbers. The flowers are abundantly borne in spring on long drooping racemes of light blue before the leaves appear.

WISTERIA—(Sinensis Alba)—WhitePkt. 10c

WILD CUCUMBERPkt. 5c, oz. 25c, ¼ lb. 75c
Ornamental climbing cucumber with curious fruit, remarkable for its luxuriance and rapidity of growth. Sow in the fall.

WILD FLOWER GARDEN MIXTUREPkt. 5c, oz. 30c
A delightful surprise to thousands of flower lovers. Not a tame garden of wild flowers, but a wild garden of tame flowers. A mixture of the choicest seeds, mostly annuals, to be sown haphazard, in a promiscuous way.

WOOLFLOWER—See Celosia Childsii.

KERANTHEMUM—(See Strawflower.)

WALLFLOWER

These half-hardy perennial and annual Wallflowers are grown for early spring bedding and are delicious for their fragrance. Perennial sorts should be sown in autumn and carried over in cold frame; annual sorts may be sown indoors in March and will flower the first year from seed.

WALLFLOWER—(Gold Lack)—Single Mixed—Pkt. 5c, ¼ oz. 35c
Wallflower should be better known, their adaptability for pot culture and out-door bedding and their very sweet odor should win favor. Eighteen inches.

WALLFLOWER—Early Paris Market Pkt. 10c,¼ oz. 45c
A beautiful single golden yellow variety, which may be treated as an annual, flowering through the summer from seed sown in the spring.

WALLFLOWER—(Blood Red)Pkt. 10c
This is a much improved and selected stock of the Annual Wallflower brought out some years since. We have ever since been carefully selecting this, and each year getting nearer to a blood red.

ZINNIA

(YOUTH AND OLD AGE.)

A half hardy annual growing from 1 to 2 feet high. The colors are in great variety and very bright. Probably no flower has such an assortment of shades, tints and colors, and no bedding plant is more effective for a brilliant show. Sow in boxes early and transplant.



Zinnia Elegans

ZINNIA ELEGANS**Dwarf Double**

White	.....Pkt. 10c
Scarlet	.....Pkt. 10c
Buff and Yellow	.....Pkt. 10c
Crimson	.....Pkt. 10c
Striped	.....Pkt. 10c
Mixed	— Pkt. 5c,
	¼ oz. 20c, oz. 65c.

ZINNIA—ROBUSTA OR GIANT

Tall Double—White	.....Pkt. 10c
Tall Double—Flesh	.....Pkt. 10c
Tall Double—Scarlet	.....Pkt. 10c
Tall Double—Yellow	.....Pkt. 10c
Tall Double—Crimson	.....Pkt. 10c
Tall Double—Mammoth Mixed	.....Pkt. 10c, ¼ oz. 35c

ZINNIA GRACILLIMA COCCINEA—(Little Red Riding Hood)
Pkt. 10c¼ oz. 40c
A superb dwarf variety growing about one foot high, and lit-

erally covering itself with brilliant red blooms about one inch in diameter. Very effective both as a border plant and also when massed.

ZINNIA—(Curled and Crested)—Mixed Pkt. 10c¼ oz. 30c
A fine mixture of colors. The petals are curled and the flowers large and attractive.



Zinnia—Robusta

Beautify your Home with Flowers from your own Garden

HARDY ANNUAL FLOWER SEEDS

The Annuals are valuable treasures to both amateur and professional gardener. In every conceivable spot in the garden some variety will be found especially well adapted. Every bed can be made brilliant with these favorites, for there is no situation or soil in which some of the Annuals will not flourish. You may have beautiful flowers to grow in your home, fresh, fragrant cut flowers from your own garden for the table and parlor, and plenty of easily grown plants and flowers in your garden. To the Annuals, mainly are we indebted for our brightest and best flowers in the summer and autumn months.

SHOWY FLOWERING ANNUALS FOR BEDDING AND MASSING

Ageratum	Chrysanthemum	Nemophila
Alyssum	Cosmos	Nigella
Antirrhinum	Dianthus	Nasturtiums (Tall and Dwarf)
Asters	Eschscholtzia	Pansy
Asperula	Gaillardia	Petunias
Brachycome (Swan River Daisy)	Gypsophila	Phlox, Drummondii
Balsams	Heliotrope	Poppies
Calendula	Hunemannia	Portulaca
California Poppy	Kochia, Mexican	Salvia
Calliopsis	Burning Bush	Stocks
Candytuft	Linum	Strawflowers
Carnation	Lobelia	Verbena
Celosia	Marigolds	Zinnias
	Mignonette	

LARGE SHOWY ANNUALS FOR BACKGROUNDS AND BORDERS

Amaranthus	Chrysanthemums	Poppies
Asters	Cosmos	Ricinus
African Gold Daisy	Chinese Woolflower	Salvia
Balsams	Larkspur	Scabiosa
Calendula	Lupins	Sunflower
Calliopsis	Marigolds	Sweet Sultan
Celosia Plumosa	Marvel of Peru	Salpiglossis
Centaurea	Nicotiana	Wallflower
		Zinnias

CLIMBING ANNUALS FOR ARBORES, VERANDAS, TRELLISES, ETC.

Cobaea	Canary Bird Vine	Nasturtium (Tall)
Cypress Vine	Gourds	Morning Glory
Dolichos—Hyacinth Bean	Humulus (Japanese Hop)	Sweet Peas
Balloon Vine	Moonflowers	Thumbergia

HARDY PERENNIAL FLOWER SEEDS

The perpetual charm of hardy garden flowers has won for them a warm spot in the hearts of all lovers of beautiful gardens.

They can be started with remarkable ease. The seed may be sown in the early spring with the annuals or later in the summer, during **July and August**. If sown later, the seed-bed should be in a cool, damp place or the ground should be kept shaded and moist by artificial means until the plants appear.

They adapt themselves readily to nearly all climatic and soil conditions.

Their blooming season is from Early Spring to Fall, making the beauty of the Perennial Garden ever changing as the months pass.

They have a wide range of usefulness. As cut flowers, in making up designs and bouquets, or for border massing effects in garden they are very effective.

They are permanent. When once established in good soil, the perennial bears its blossoms for years, growing finer and more beautiful as the seasons pass.

Asperula (Sweet Woodruff)	Hollyhock
Alyssum (Saxatile Yellow)	Kudzu Vine
Aquilegia (Columbine)	Lavender (Sweet Scented)
Canterbury Bells	Linum
Candytuft (Hardy)	Lychnis
Carnation	Poppy (Iceland)
Calliopsis (Hardy)	Poppy (Oriental)
Centaurea Ruthenica	Pyrethrum Aureum
Double Daisy or Bellis Perennis	Phlox (Hardy)
Chrysanthemum	Shasta Daisy See (Chrysanthemum)
Delphinium (Hardy Larkspur)	Sweet William
Dianthus or Pinks (Hardy)	Sweet Rocket
Digitalis or Foxglove	Statice
Gypsophila (Paniculata) or Baby's Breath	Sweet Pea (Everlasting)
Gaillardia	Wall Flower

EVERLASTINGS FOR WINTER BOUQUETS

Acroclinium	Gypsophila
Ammobium Alatum	Helichrysum
Globe Amaranth	Xeranthemum

SPENCER SWEET PEAS

"Produce the Largest and Most Beautiful Flowers Known"

Sweet Peas deserve the place they have earned in the hearts of all lovers of flowers. They are quickly and easily grown from seed, will thrive in any garden and bear all summer an abundance of beautiful, fragrant flowers of many wonderful shades and tints. We have selected the following list of the newest and choicest up to date Sweet Peas known, for color, size of blossoms and long stems and have the endorsement of the leading American and European specialists. Many of the varieties we offer have been awarded the **Certificate of Merit** by both the **American Sweet Pea Society** and the **Royal Horticultural Society of England**.

How to Grow Sweet Peas—The general opinion is that Sweet Peas being common and hardy can be planted anywhere, which accounts for a lot of failures. There is no reason why everyone should not have fine flowers if they will observe a few simple rules. First of all **plant early**. We recommend the **middle of April**. **Dig deeply**. If you are growing sweet peas every year, try and prepare your ground in the Fall, and dig 18 inches deep, mixing manure thoroughly in the subsoil. The surface soil in which the seed is sown should not contain manure. If you start in the Fall you will find you can sow earlier in the Spring. If you can't secure manure, use bone meal or commercial fertilizers containing phosphate and potash. Cover the ground an eighth of an inch with these and then dig in and mix thoroughly with the soil. Sow the seed three inches deep if on sandy soil, or two if in clay. Sow thinly unless you have the courage to pull them out after they come up. You can't have fine flowers through the season when plants are very thick. Two or three inches apart, or better four inches if you want big flowers. Cultivate as soon as they are up and keep cultivating. Stake them as soon as the rows show plainly. For the first month they scarcely make any growth above ground, but don't need water unless the season is very dry. Later on, when they are showing vigorous growth, a thorough watering twice a week will help wonderfully, if there is not sufficient rain. Don't plant them alongside a house, under trees or close to a board fence and expect much from them. They need open space. **Inoculate the seed with farmogerm and assure success.** Spray thoroughly and often to prevent infection by aphid. **We recommend spraying with black leaf "40" for this purpose. Leaflet on Sweet Pea Culture, Free.**

WHITE. KING WHITE Remarkable for the glistening purity of the whiteness and the perfect finish of the flower. Pkt. 10c, oz. 40c, ¼ lb. \$1.20.

CONSTANCE HINTON A very fine black-seeded, white-flowered variety; of largest size. Pkt. 10c, oz. 40c, ¼ lb. \$1.20

WHITE SPENCER A pure wavy white of enormous size and splendid substance; long strong stems. Pkt. 10c, oz. 35c.

CREAM. DOBBIES CREAM Deep cream-yellow, exquisite Pkt. 10c, oz. 40c, ¼ lb. \$1.20.

NEW BUTTERCUP Considered by many the best cream colored Spencer. Large flowers, beautifully waived and frilled. Pkt. 10c, oz. 40c, ¼ lb. \$1.20.

PRIMROSE One of the finest in its class, clear primrose beautifully waved flowers; large and mostly four blossoms on each stem Pkt. 10c, oz. 40c, ¼ lb. \$1.20.

DEEP PINK. COUNTESS

The original giant flowered Spencer with finest waved standard and wings clear pink, deepening somewhat towards the edge, but almost self-colored. Still one of the best Sweet Peas of today. Pkt. 10c, oz. 40c, ¼ lb. \$1.20.

HEBE A giant rose-pink both standard and wings, vigorous vines and fine long stems. Flowers extra large and fine. Pkt. 10c, ½ oz. 35c, oz. 65c, ¼ lb. \$2.00.

HAWLMARK PINK This is undoubtedly one of the finest varieties now in cultivation. The color is a most beautiful shade of rich rose-pink, deeply flushed and shaded with salmon. The wings are bright rose-pink while the standard is somewhat lighter in color, the pink being toned down with salmon. The flowers are large, usually borne in fours, each bloom being nicely placed on the long stout stems. A vigorous grower, and exceptionally free-flowering. Awarded Certificates of Merit by The Pennsylvania Horticultural Society, The American Sweet Pea Society, and The National Sweet Pea Society of England. Pkt. 10c, ½ oz. 25c, oz. 45c, ¼ lb. \$1.50.

LIGHT PINK. DAISYBUD

The color of flowers is a harmonious combination of apple-blossom tints with a suggestion of cream-pink. The texture of the flowers is substantial and dainty. Pkt. 10c, oz. 45c

MAVIS A charming shade of soft, yet rich rose-pink on a white ground. One of the really "worth while" varieties. The flowers are very large, well waved, and usually borne in fours. Pkt. 10c, oz. 40c.

CONQUEST A distinct and unusually attractive variety. The flowers are large, much waved, flushed, and heavily suffused with salmon-pink on a glistening pure white ground. Pkt. 25c, ½ oz. 65c, oz. \$1.25.

NOVELTY

THE PRESIDENT HARDING—The Greatest New Sweet Pea of the Year—The most remarkable Sweet Pea ever introduced. An entirely new color being peach red or salmon cerise suffused orange. Produces large well formed flowers on long stout stems, in great abundance; named by special permission of our late President. Awarded the only Certificate of Merit by the Sweet Pea Society of Great Britain. Awarded the only Silver Medal by the American Sweet Pea Society. A rare color. Must be seen to be appreciated. Pkt. (15 seeds) 25c,

CREAM-PINK. PICTURE The flowers are simply enormous and no other variety measures as much across the standard as PICTURE. The flowers are well waved and exquisitely frilled on the edges. The color is a blend of cream and pink shades altogether different from the ordinary pale cream-pinks, and having a deeper flush of color on the wings, which is particularly effective. This pink shade is brought out by the creamy flush in the center of the standard. The flowers are exquisitely arranged on long strong stems, and four flowers on a stem. Pkt. 15c, 2 pkts. for 25c, ½ oz. 35c, oz. 65c, ¼ lb. \$2.00.

MRS. A. HITCHCOCK A charming shade of soft pink flushed with salmon on a cream ground Pkt. 10c, oz. 40c, ¼ lb. \$1.20.

GIANT ATTRACTION A beautiful fawn pink on cream ground. Pkt. 10c, oz. 40c, ¼ lb. \$1.20.

BRIDESMAID A most pleasing shade of rich salmon-pink on ivory-cream ground, resembling almond blossoms. Large, well-shaped flowers, carried gracefully, four on a stem. Pkt. 15c, ½ oz. 35c, oz. 65c, ¼ lb. \$2.00.

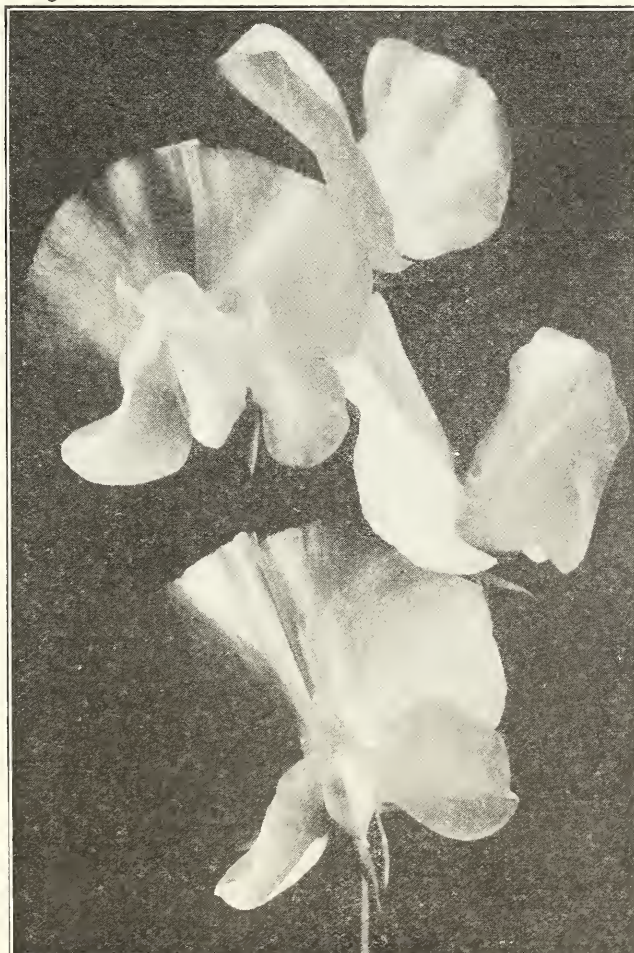
MARGARET ATLEE A rich, glowing pink on cream ground, softly suffused with salmon. Pkt. 10c, oz. 40c, ¼ lb. \$1.20.

SALMON. BARBARA A superb salmon-colored self that makes a telling bunch either for exhibition or table decoration. Pkt. 10c, oz. 40c, ¼ lb. \$1.20.

STIRLING STENT The color is rich glowing deep salmon self, suffused with orange. Pkt. 10c, oz. 40c, ¼ lb. \$1.20.

BLUSH. ELEGANCE Delicate and beautiful in color and robust and free in growth and habit, this charming new Sweet Pea is destined to become a general favorite with all growers. The color is blush-lilac, or white faintly suffused with a pinkish lilac which is most artistic and altogether charming. Pkt. 10c, oz. 45c, ¼ lb. \$1.35.

VALENTINE This is a new variety of great merit. Of vigorous habit, the large flowers are a most pleasing shade of light pink. Beautifully waved and well placed on the long stout stems. It is unsurpassed for cutting or exhibition purposes. Pkt. 10c, oz. 45c, ¼ lb. \$1.35.



Spencer Sweet Peas

SPENCER SWEET PEAS

"Are the Largest and Most Beautiful Shades Known"

ROSE. ROSALIND (New) is a revelation of daintiness and beauty. It is freely admitted by experts to be the finest Sweet Pea in its color class. ROSALIND produces flowers of enormous size. The individual blooms are charmingly fluted and waved. The blooms are extremely large and well formed. They are usually borne in fours on stout stems of great length. ROSALIND is a wonderful bloomer, bearing the graceful four-flowered sprays in great profusion. It is extremely vigorous and strong growing.

The rich rose-carmine color of ROSALIND is softened and improved by the delicate salmon suffusion which is noticeable toward the base of the standard and wings. The color is greatly intensified during bright sunny weather. The substance of the flowers is heavy and thick, adding greatly to the weight and beauty of the flowers. ROSALIND was awarded Certificate of Merit by the American Sweet Pea Society, and by the Pennsylvania Horticultural Society. Pkt. (about 30 seeds) 25c, ½ oz. 40c, oz. 70c, ¼ lb. \$2.10.

OLD ROSE. The color is a beautiful old rose, as named; should be shaded from the hot sun. Blooms profusely. Pkt. 10c; oz. 40c, ¼ lb. \$1.20.

ROSABELLE Deep rose self with a white blotch at the base of the standard and wings. Pkt. 10c, oz. 40c, ¼ lb. \$1.20.

ORANGE. TANGERINE This is the last word in orange-colored Sweet Peas. Deep orange, almost approaching the color of a tangerine-orange. Flowers of great size, beautifully waved and well placed. Pkt. 15c, ½ oz. 30c, oz. 55c.

HELEN LEWIS Orange-rose wings and intense rich crimson-orange standard. An old favorite. Pkt. 10c, oz. 40c, ¼ lb. \$1.20.

GOLDEN GLORY A beautiful glowing orange. Usually four blooms on strong stiff stems. Pkt. 10c, oz. 45c, ¼ lb. \$1.25.

ORANGE-SCARLET. THOMAS STEVENSON Flaming orange-scarlet standard with wings of rosy carmine shaded orange. Pkt. 10c, oz. 40c, ¼ lb. \$1.20.

THE PRESIDENT A brilliant orange-scarlet flower, always of largest size. The blooms, usually in fours, are carried on strong stiff stems. Pkt. 10c, oz. 40c, ¼ lb. \$1.20.

SCARLET. MRS. C. P. TOMLIN This is now the leader among crimson-scarlets. Remarkable for its richness and substance. The color is scarlet with a touch of fiery red in it. Flowers of the largest size, producing an abundance of four-flowered sprays on very long stems. Award of Merit, National Sweet Pea Society of England. Pkt. 10c, oz. 40c, ¼ lb. \$1.20.

VERMILLION BRILLIANT The standard and wings are of intense pure scarlet. Pkt. 10c, oz. 40c, ¼ lb. \$1.20.

SENSATION (New) Rich dazzling scarlet. An outstanding color and well ahead of all others in this shade. Is well named. Pkt. (about 30 seeds) 25c, ½ oz. 65c, oz. \$1.25.

CRIMSON. KING EDWARD Deep rich crimson; a strong and beautiful color. Does not fade or scorch. Pkt. 10c, oz. 40c, ¼ lb. \$1.20.

ROYAL SCOT (New) Of all brilliant scarlet shades of Sweet Peas sent out either in this country or Great Britain, none surpass ROYAL SCOT. In size and form, it is far superior to any other of this shade, and does not fade or burn in the hottest sunshine. One of the best recent novelties. Pkt. (about 30 seeds) 25c, ½ oz. 50c, oz. \$1.00, ¼ lb. \$3.00.

CHARITY A great advance in its color class; a flower of great size and finest form. It is worthy of a place in all first class collections. The color is a rich brilliant crimson which does not burn in the sun. A vigorous grower; the exquisitely waved flowers are usually produced in fours on very long stems. Pkt. 15c, oz. 40c, ¼ lb. \$1.20.

LIBERTY A glowing bright crimson, waved usually four on long strong stems. Pkt. 10c, oz. 45c, ¼ lb. \$1.25.

CERISE. ILLUMINATOR Glowing cerise-salmon with an indication of bright orange. Under artificial light, the flowers appear to be a glowing orange-scarlet. Pkt. 10c, oz. 40c, ¼ lb. \$1.20.

FIERY CROSS The standard is a scorching fire-red of rich orange-scarlet, which scintillates and glitters in the bright sunlight with a glowing, fire-like sheen that radiates over the entire flower, including the rich, cherry-orange wings. Pkt. 15c, oz. 40c, ¼ lb. \$1.20.

ALEXANDER MALCOLM Unsurpassed glowing scarlet cerise. A magnificent color. Pkt. 10c, oz. 45c, ¼ lb. \$1.35.

ROYAL SALUTE A beautiful scarlet cerise, blooms very large on strong stems. Pkt. 10c, oz. 45c, ¼ lb. \$1.35.

DORIS A lovely soft salmon-cerise. A beautiful shade. Pkt. 10c, oz. 50c, ¼ lb. \$1.50.

GLORY (New) A particularly bright, glowing salmon-cerise. Flowers are of great size. By many experts picked to be the best of the cerise colored varieties. Pkt. (about 30 seeds) 25c, ½ oz. 65c, oz. \$1.25.

BRILLIANT Brilliant cherry-cerise. A flower with every good quality. Pkt. 15c, ¼ oz. 40c, oz. 75c.

LAVENDER. ORCHID This is a rich tone found only in the Cattleya Orchids. Of extra-large size; one of the best lavenders. Pkt. 10c, oz. 40c, ¼ lb. \$1.20.

R. F. FELTON A soft, pleasing shade of lavender, suffused rose, wings French gray. Pkt. 10c, oz. 40c, ¼ lb. \$1.20.

AUSTIN FREDERICK Large, waved lavender flowers produced on long stems. Blooms profusely, good spencer form. Pkt. 10c, oz. 50c, ¼ lb. \$1.50.

HELIO (New) The standard has a bronze tint on lavender, the wings tend to lavender though even here the bronze is detected. Pkt. (about 30 seeds) 25c, ½ oz. 55c, oz. \$1.00.

HAWLMARK LAVENDER (New) A true, clear light lavender with flowers of the largest size. Easily the best of its class. Pkt. (about 30 seeds) 15c, ½ oz. 40c, oz. 75c.

BLUE. MRS. TOM JONES (New) Bright delphinium-blue. The flowers are very large and of great substance, beautifully waved, and invariably come four on a stem of great length. A first-class rich blue has long been wanted and now we have it in this charming and beautiful novelty. Pkt. 15c, ½ oz. 40c, oz. 75c.

JACK CORNWELL, V. C. A very fine dark blue of enormous size and excellent form. Vigorous, bearing four flowers on a stem. Pkt. 10c, ½ oz. 25c, oz. 45c, ¼ lb. \$1.35.

COMMANDER GODSALL A wonderful shade of violet blue a very charming color. Pkt. 10c, oz. 60c, ¼ lb. \$2.00.

MAGIC (New) Rose amethyst blue deepening to blue at base. (Pkt. (about 30 seeds) 25c, ½ oz. 65c, oz. \$1.25.

MAUVE. KING MAUVE A pleasing shade of rosy mauve and a flower of great size. The immense blooms are freely borne on extra long stiff stems. They are well placed and charmingly waved or frilled. Pkt. 10c, oz. 40c, ¼ lb. \$1.20.

ITALIA (New) The most beautiful shade of pure mauve to date. Pkt. (about 30 seeds) 25c, ½ oz. 55c, oz. \$1.00.

PURPLE. ROYAL PURPLE The color is a rich warm purple, the younger flowers having a slightly softer color tone. Pkt. 10c, oz. 40c, ¼ lb. \$1.20.

LE MAHDI (New) Very large flowers, of a rich beautiful shade of purple. Distinct and quite an advance. Pkt. (about 30 seeds) 25c, ½ oz. 65c, oz. \$1.00.

MAROON. WARRIOR The color is a rich reddish maroon, flushed with bronze. Lovers of dark shades will appreciate this fine color. Pkt. 10c, oz. 40c, ¼ lb. \$1.20.

HAWLMARK MAROON A rich red-maroon; the flowers have a glistening sheen resembling polished mahogany. A remarkably strong grower, producing in abundance four-flowered sprays on very long stems. Received an Award of Merit from The Royal Horticultural Society, England. Pkt. (about 30 seeds) 15c, ½ oz. 40c, oz. 75c.

PICOTTE EDGED. JEAN IRELAND Beautiful cream buff standard margined carmine rose. The finest picotee cream Spencer. Pkt. 10c, oz. 40c, ¼ lb. \$1.20.

ANNIE IRELAND Pure white with distinct edge of Terra cotta pink, very beautiful. Pkt. 10c, oz. 40c, ¼ lb. \$1.20.

CHERUB One of the most attractive of all picoteed varieties. A deep rich cream, charmingly edged with bright rose. Very large and free flowering. Pkt. 10c, oz. 40c, ¼ lb. \$1.20.

SPENCER SWEET PEAS MIXED

A splendid mixture, composed of Giant Waved Spencer varieties, blended in proper proportion of bright colors and including several new hybrids of exquisite colors and shade. The varieties included in this mixture will produce from three to four flowers on a stem. ½ oz. 20c, oz. 35c, ¼ lb. 90c, ½ lb. \$1.55, lb. \$3.00.

SPECIAL OFFER OF SPENCER SWEET PEAS

We will send you one 10c package each of the 43 varieties listed (not including 15c or 25c packages) 10c packages only, for \$4.00.

Your choice of any 15 varieties (not including 15c or 25c packages) 10c packages only, for \$1.25.

Our choice of any 15 varieties for \$1.00.

SWEET PEAS---New Giant Early Flowering Spencer

We have great pleasure in offering to our patrons a very complete list of Early Giant Flowering Spencer Sweet Peas. Many of our patrons grew them under glass last fall and produced wonderful results. This, however, is not the only reason Sweet Pea growers have worked to produce the large-flowering strain of Sweet Peas to flower early. This new race of Early-flowering Spencer Sweet Peas are particularly adapted to sections where the Summer-flowering Spencer varieties have not proved satisfactory.

This new class of Sweet Peas is rapidly becoming prominent for winter flowering indoors. The flowers are large, of the same form as the Spencers and are beautifully waved or frilled. They remain in bloom for a much longer time than the Early Flowering Grandiflora sorts. When planted out of doors they will commence blooming about three weeks earlier than the later flowering varieties planted at the same time.

Inoculate the seed with farmogerm and assure success. Spray thoroughly and often to prevent infection by aphids. We recommend spraying with black leaf "40" for this purpose.

WHITE. EARLY SNOWSTORM The flowers are very large, of excellent size, and pure white in color, Pkt. 15c, ½ oz. 40c, oz. 75c.

EARLY ALBATROSS A black-seeded white of immense size. The flowers at times are slightly tinted with pale pink. Of vigorous habit and extremely free-flowering. Pkt. 10c, oz. 65c.

CREAM. EARLY CANARY BIRD This is a splendid rich deep cream or primrose-colored self. The flowers are of great size, beautifully waved, borne three or four on a stem. Pkt. 10c, oz. 60c.

EARLY LEMON BEAUTY This variety goes with those of a bright cerise or fiery shade; in fact, the rich coloring of the latter is accentuated when associated with Lemon Beauty. As the name indicates, this novelty is a soft primrose or pale lemon-colored variety, the standard and wings being softly tinted amber, and sometimes lightly veined with rose-pink. Pkt. 20c, ½ oz. 55c, oz. \$1.00.

CREAM-PINK. EARLY DAYBREAK A pleasing shade of rich rose-pink on cream ground, the color becoming deeper toward the edge of standard and wings. The entire flower is lightly suffused with salmon. The plants make a sturdy and strong growth and bloom very freely. Pkt. 10c, oz. 60c.

EARLY SUNBURST (NEW) The color is a pleasing and attractive shade of rich salmon-pink, intensified toward the outer portion of the standard and wings, which are overlaid with a suffusion of amber and salmon. The flowers are borne on long stout stems and the habit of the plant is vigorous, beginning to bloom early and continuing for a long time. **SUNBURST IMPROVED** is a particularly fine and pleasing variety and of a color that is always appreciated and in demand. It is equally valuable for fall, mid-winter, and spring cutting, and is a perfect companion to Enchantress, being practically as early and as easily grown. Pkt. 20c, ½ oz. 55c, oz. \$1.00.

LIGHT PINK. EARLY LOVELINESS The color is white the entire flower being suffused soft pink until it reaches the edges, which are distinctly picoteed with rose pink. A very free-flowering and strong growing variety. Pkt. 10c, oz. 65c.

EARLY PEACH BLOSSOM An altogether new and distinct color in Sweet Peas, and which may be described as a pale amaranth-pink which deepens somewhat around the edges of the standard and wings being of the same shade. A vigorous grower and free-flowering, with stems of great length. Pkt. 20c, ½ oz. 55c, oz. \$1.00.

EARLY MRS. A. A. SKACHE Fine pink. Pkt. 10c, oz. 50c.

EARLY MELODY A deeper shade of pink than Early Song Bird; a good pink closely resembling Countess Spencer. The flowers are borne on long stems mostly four large, well waved blossoms to each stem. Pkt. 10c, oz. 50c.

SALMON. EARLY APRICOT Glowing deep salmon self, suffused with orange. Grown under glass the color is particularly rich, and under artificial light it is truly magnificent. Although the flowers are not of largest size, this is more than compensated for in the unique coloring. Pkt. 10c, ½ oz. 40c, oz. 75c.

EARLY HELEN LEWIS OR MORNING STAR Identical in color and size of blossoms to the late-flowering Helen Lewis, being a fine shade of salmon-pink. Pkt. 15c, ½ oz. 40c, oz. 75c.

ROSE. EARLY ROSEBUD Beautiful large flowers of a bright shining rose with a suffusion of bronze throughout the standard. Pkt. 10c, ½ oz. 35c, oz. 65c.

EARLY ZVOLANER'S ROSE This is a widely known variety with large flowers and bold stems. Color a rich rose. Pkt. 10c, oz. 75c.

EARLY SPLENDOR A magnificent deep rose self with a distinct white blotch at the base of standard and wings. Very large flowers of excellent form. Pkt. 10c, oz. 60c.

CRIMSON. EARLY KING The finest early flowering crimson with flowers of great size and perfect form averaging fully 2 inches in diameter. Pkt. 10c, oz. 60c.

EARLY ROSY MORN A pleasing shade of rose with crimson-scarlet standard. Pkt. 10c, oz. 60c.

CERISE. EARLY FIRE KING Scorching cerise-scarlet of very largest size. Pkt. 15c, ½ oz. 40c, oz. 75c.

EARLY ILLUMINATION Glowing salmon-cerise with a suspicion of orange. Vigorous and strong. Pkt. 15c, ½ oz. 45c, oz. 85c.

LAVENDER. EARLY LAVENDER KING A rich, true deep lavender of large size and beautiful form. Pkt. 10c, ½ oz. 35c, oz. 65c.

BLUE. EARLY BLUE-BIRD This is a charming shade of blue. Somewhat similar to Wedgwood, but more of a true self, especially as the flower ages. It has become a leader in its color and is now grown very largely in all parts of the country. The fine large flowers are invariably borne in fours. Recommended for all seasons. Pkt. 10c, ½ oz. 35c, oz. 65c.

MAUVE. EARLY HEATHER BELL The color is a rich and pleasing mauve, changing to a beautiful mauve lavender after cutting. Flowers are very large, borne in threes and fours on long stout stems and are of beautiful bold Spencer form. Pkt. 15c, ½ oz. 40c, oz. 75c.

EARLY FLOWERING SPENCERS MIXED A choice mixture of the foregoing named Early Flowering Spencer Varieties. Pkt. 10c, oz. 45c, ¼ lb. \$1.35, lb. \$4.50.

Alphabetical List of Grandiflora Sweet Peas

The overshadowing size and beauty of the Spencer Sweet Peas has gradually reduced the demand for most varieties of the Grandiflora types, so that we now offer only a list of these limited to the popular sorts.

	Oz.	¼ lb.	1 lb.
AMERICA —White ground flaked and striped with crimson.....	\$.20	\$.50	\$1.75
BLACK KNIGHT —Dark maroon, veined black .....	.20	.50	1.75
COUNTRESS OF RADNOR —Lavender .....	.20	.50	1.75
DOROTHY ECKFORD —Large white .....	.20	.50	1.75
FLORA NORTON —Bright sky blue .....	.20	.50	1.75
KING EDWARD VII —Deep red.....	.20	.50	1.75
LADY G. HAMILTON —Light mauve .....	.20	.50	1.75
LORD NELSON —Deep navy blue .....	.20	.50	1.75
MRS. E. KENYON —Large clear primrose .....	.20	.50	1.75
MRS. WALTER WRIGHT —Rose purple .....	.20	.50	1.75
MRS. WILMOTT —Orange pink .....	.20	.50	1.75
OTHELLO —Very dark maroon .....	.20	.50	1.75
PRIMA DONNA —Pure pink, self colored .....	.20	.50	1.75
QUEEN ALEXANDER —Bright scarlet, red, self-colored .....	.20	.50	1.75

SWEET PEAS IN MIXED COLORS

	Oz.	¼ lb.	1 lb.
PEERLESS MIXED —The best Grandiflora Mixture, colors well proportioned	\$.15	\$.40	\$1.50
LIGHT COLORS MIXED —Our best mixed of all light colors .....	.20	.50	1.75
CUPID MIXED —Low growing, suitable for borders and driveways .....	.25	.75	2.50

LATHYRUS—Everlasting or Perennial Sweet Pea

A hardy perennial climber. Sow the seed in rich ground early in the Spring, covering one inch deep. Trellis should be provided for the vines to climb. The young plants start slowly but make a strong growth and bear large compact clusters of flowers resembling those of the Sweet Pea but without fragrance, and give profusion of bloom from early Summer until late in the Fall. They die down in Winter but start again from the old roots in the Spring.

Red, Pkt. 10c, oz. 60c.

White, Pkt. 10c, oz. 60c.

Pink, Pkt. 10c, oz. 60c.

Mixed, Pkt. 10c, oz. 50c.

PERENNIAL SWEET PEAS—SEE ILLUSTRATION PAGE 32

TO OUR CUSTOMERS

We issue the following list of Pamphlets and leaflets on the subjects named. They will be found of great value both to the amateur and also the more advanced gardener, and have been compiled by experts in their several lines.

FRUITS—

Strawberries and Bush Fruits.
Standard Fruits.

TREES, ETC.—

Deciduous Trees and Shrubs.
Evergreen Trees and Shrubs.
Lawns—How to Prepare and Care for.
Hardy Climbers.

HARDY FLOWER GARDEN—

Hardy Perennials; Peonies; Iris; Pansies; Violets.

HOUSE AND GARDEN PLANTS—

Ferns; Geraniums; Cyclamen; Dahlias; Sweet Peas; Roses;
Care of House Plants.

VEGETABLE GARDEN—In General—Mushrooms—Tomatoes.

FARM CROPS—

Alfalfa; Registered Grimm Alfalfa; Corn in Montana; Field Peas; Brome Grass; Sweet Clover; Crops for Emergency; Rosen Rye; Dakold Rye; Mont. No. 36 Wheat; Kanred Wheat; Sudan Grass; Sugar Beets; Western Rye Grass; Crops for Hog Pastures; Crops for Green Manuring; Soy Beans.

INSECTICIDES—SPECIAL TOOLS, ETC.—

Black Leaf 40; Corona Insecticide Products; Weeders; Planet Jr. Catalogs, etc.

We will be pleased to send any of the above in which you are especially interested—free—on application.

PARCEL POST RATES within the United States.		
Rate to Canada; 12c per lb. or fraction thereof	First pound or fraction	Each additional pound or fraction
First Zone within 50 miles of Helena.....	5c	1c
Second Zone within 50 to 150 miles.....	5c	1c
Third Zone within 150 to 300 miles.....	6c	2c
Fourth Zone within 300 to 600 miles.....	7c	4c
Fifth Zone within 600 to 1000 miles.....	8c	6c
Sixth Zone within 1000 to 1400 miles.....	9c	8c
Seventh Zone within 1400 to 1800 miles.....	11c	10c
Eighth Zone all over 1800 miles.....	12c	12c

NOTICE

Within Local Zone and Zones 1, 2 and 3, packages up to 70 pounds in weight are carried. The limit of weight for all other Zones is 50 pounds. Articles measuring more than 7 feet in length and girth combined cannot be shipped by parcel post.

Postage rate to Canada or other Foreign Countries is 12c per pound or fraction thereof.

FOR THE FARMER

FARMERS READY REFERENCE BOOK—The most complete farm book on the market. Every department of farm life covered in detail by experts. **Each (Postpaid), 25c**, while the supply on hand lasts. Well worth several times its cost.

SPECIAL FOR THE FARMER—A set of 20 varieties of Farm Seeds, Alfalfa, Clovers, Millets, Grass Seeds, etc. mounted under glass, with seeding table accompanying. A most useful outfit for the farmer desiring to know seeds and to have the means of identification on hand. **Price. (Postpaid), 25c.**

IMPORTANT —PLEASE READ

MISTAKES—These will happen in spite of all care. Write us at once with a copy of original order if possible, and errors will be promptly rectified. We do not want you to "keep quiet" if everything is not received as ordered, but please be **SURE TO COMPARE THE GOODS RECEIVED WITH A COPY OF YOUR ORDER.** We frequently find on looking up the original order that the items complained of as "missing" were never ordered.

WHEN ORDERING—Be sure to state distinctly quantities wanted such as pkt., oz., $\frac{1}{4}$ lb., $\frac{1}{2}$ lb., 1 lb., etc., with price. By so doing mistakes can be avoided and orders will be executed promptly.

A FEW THINGS WORTH KNOWING

MILDEW

For the control of mildew, pulverized sulphur is dusted full strength on the diseased plants. A tin can with small holes punched in the bottom makes a good sifter for this purpose, or a cheap flour sifter may be used. The holes in a flour sifter are the proper size for this purpose.

THE SUCKING INSECTS

For the destruction of insects which suck the sap of plants, such as the plant lice, or aphids, it is necessary to use a mixture which kills by contact or substances which smother. Aphids or plant lice, usually collect on the underside of leaves, causing them to crumple.

To destroy these sucking insects use "Black Leaf 40" liquid or Nicotine Dust.

See insecticides.

THE EATING INSECTS

The eating insects, or those which eat fruit or foliage, may usually be killed by using a spray of poisonous solution or by dusting poison powders on the plants attacked. Arsenate of Lead is a favorite poison for this purpose, and may be used in spray or powder, but it must be handled with care as it is poisonous to human beings. It should never be applied to vegetables that are soon to be used, nor on cabbage or cauliflower after the heads have begun to form.

Paris Green has long been used for protection, but arsenate of lead is now used much more extensively and is considered better.

POISONED BAIT

Poisoned bait is useful against cutworms and slugs. Small portions of the bait should be placed around plants subject to attack by them. The pests feed at night and hide under chips or other objects during the day. Bait should be placed beneath these. Poisoned bait may be made as follows:

FORMULA FOR GRASSHOPPER POISON

For Four Acres

6 lbs. Paris Green or Arsenic.

100 lbs. Bran.

3 oz. Banana Oil.

4 lbs. Salt.

2 gals Molasses.

10 gals. Water.

Spread thinly to avoid danger to livestock. Best spread between 8 and 11 A. M. for best results.

Cutworm Killer—See Insecticides.

DRIVE ANTS FROM LAWNS

To get rid of lawn ants entomologists of the United States Department of Agriculture suggest drenching the nests with boiling water or pouring in a small quantity of kerosene oil. Similar treatment may be applied to nests between paving stones. Spraying the lawn with very strong soap wash is recommended.

For large ant nests di-sulphide of carbon injected into the nest by means of an oil can or a small syringe is recommended to kill the ants. The fumes of di-sulphide of carbon have a very disagreeable odor and are inflammable, but they are not injurious to higher animals in the open air.

ROACH AND ANT POWDER, SEE LAST PAGES.

PLANT A GARDEN

FOR HEALTH AND WEALTH—A BIG SAVING IN THE FAMILY BUDGET

THE FLOWER AND VEGETABLE GARDEN

It is a moral trait in human nature to love to “grow things.” Beautiful blossoms, good vegetables, and beautiful flowers, shrubs, etc. But what is a home no matter how attractive unless the vegetable garden is attractive and well planted? You have but one chance each season, make the most of it. Gardening gives pleasure, not only in the work, but in the producing of nice, crisp, fresh vegetables for the family table. No vegetables ever come to the table like those gathered fresh from the home garden. Gardening is profitable because better health is assured by the exercise in the open air and the use of more vegetables in the diet. Some will mature in a month and others will follow each succeeding week. A space 50x50, if properly planned and cared for, will produce far more vegetables than the average family can consume. Beets, cabbage, carrots, celery, onions, parsnips, potatoes, salsify, turnips, etc., can be grown and stored for winter use. The vegetables you can produce on 50x50, if purchased in the market, would exceed \$60 to \$100 in cost. Therefore the cost of the family’s food can be reduced by having a supply of vegetables of various varieties at hand regardless of market conditions which is something that can not be measured in dollars and cents. Many people think that all planting must be done during Spring months. “That is not true.” For certain varieties, and for some few varieties which require an especially long season, early planting is necessary, but for the great majority of vegetables such as beet, carrots, endive, lettuce, peas, summer and winter radish, spinach, etc. “Succession” sowing may be made throughout the summer. When vegetables are desired for canning, drying and storing it is better to sow late so that crops will mature later and thus keep longer. The greatest profit and pleasure in a garden is obtained by successive plantings. Plan early—order early. Do not delay until the Spring rush is on. It would be wise for you to order now. Send us your order today.

	Rhubarb	Horse Radish	
4'	Asparagus	Ruta Baga Parsnip	
1'	Sweet Corn	Summer Squash	
4'	Peas	Celery	
4'	Cabbage	Cauliflower	Brussel Sprouts
3'	Early Beets (Followed by Turnips and Winter Spinach)		
1 1/4'	Lettuce (followed by Winter Radish)		Parsley
1 1/4'	Onion Seed		
1 1/4'	Onion Sets (Followed by Late Beets)		
1 1/4'	Dwarf Beans		
1 1/4'	Early Radish	Carrots	Endive
3'	Late Cabbage		Herbs
4'			Pepper
4'	Tomatoes	Pole Beans	
5 1/2'	Cucumbers	Late Squash	
	Melons or Potatoes		

PLAN FOR HOME GARDEN

WHERE SPACE IS LIMITED

For convenience of those who have only a limited space, the accompanying plan is suggested as an aid in laying out a small garden.

Where the rows are made the distances apart indicated on this diagram, thirty-five feet are required in one direction. If the rows are to run east and west, it is desirable to have the corn at the north end, otherwise the corn is likely to shade the rows near it on the north side. The rows may be as long as space permits or individual preferences may call for, and where space is less limited, more rows of favorite sorts may be added or provision made for other vegetables or flowers that may be desired.

Every garden should have its flowers. Plant a few Sweet Peas —Nasturtiums, Tall or Dwarf, etc. See page 72 for Flower and Vegetable collections.

Our mixed varieties of Asters, Pansies, Petunias, Phlox, Poppies, Morning Glory, Marigolds, Mignonette, Verbenas and Zinnias are easily grown. A few packets of flower seeds will give you an abundance of beauty and pleasure. Make the garden beautiful.

TESTING SEEDS

State Nursery and Seed Co. seeds are always given thorough tests for germination before they are sold. A certain number of seeds of each lot is sown in soil in a greenhouse or placed in a special germinating apparatus and the number that grow is counted and recorded. This gives the per cent or proportion of the seeds that are of good vitality.

GARDEN EXERCISE PAYS BEST

Have a garden. Get out in the open and dig. It will bring you good health and will keep you fit. You will get wholesome, muscle-hardening exercise. Your brain will clear for business, your appetite will improve, you will sleep nights.

Mother Earth is the best tonic, and the best pay-master. A good garden will make a big difference in your grocery bill—maybe save a doctor's bill.

PLANET JR. CULTIVATORS

Cultivate your garden with a Planet Jr. Save time and labor—See Last Pages.

SEED COLLECTIONS

THESE COLLECTIONS AT SPECIAL RATES, ARE PACKED BEFORE THE OPENING OF THE SEASON AND CAN NOT BE CHANGED IN ANY WAY. WE PREPAY THE POSTAGE ON ALL COLLECTIONS

S. N. & S. CO.'S SCHOOL GIRLS' FLOWER SEED COLLECTION

Secure this collection for your daughters to encourage them to take an interest in the garden and make the home beautiful.

- | | |
|-----------------------------|---------------------------|
| 1 Pkt. Asters Finest Mixed. | 1 Pkt. Mignonette Sweet. |
| 1 Pkt. Calliopsis. | 1 Pkt. Nasturtiums Mixed. |
| 1 Pkt. California Poppy. | 1 Pkt. Pansy. |
| 1 Pkt. Marigold. | 1 Pkt. Sweet Peas. |

ALL FOR
25c
POSTPAID

SECURE THIS

ALL FOR
25c
POSTPAID

S. N. & S. CO.'S SCHOOL BOYS' VEGETABLE COLLECTION

Secure this collection for your sons. Give them a garden of their own and watch the interest they will take; encourage them.

- | | |
|------------------------------|--------------------------------|
| 1 Pkt. Beet Early Round Red. | 1 Pkt. Lettuce Loose Leaf. |
| 1 Pkt. Beans Yellow Wax. | 1 Pkt. Onion Red. |
| 1 Pkt. Cabbage Early. | 1 Pkt. Peas Early. |
| 1 Pkt. Carrot Early. | 1 Pkt. Radish Early Round Red. |

All for 25c Postpaid

PLANT A GARDEN

Why Not Grow Your Own
Vegetables?

Why not have a Vegetable Garden of your own? It will repay the expense many times over. Provide for yourself and have a surplus for the market if possible, by securing one of our flower and vegetable collections. Fresh vegetables direct from your own garden to your table.

Stop paying out so much money for so little food—stop being so dependent—become independent of outside sources of supply.

We handle a complete line of Planet Jr. Seeders and Cultivators also Barker Weeder Mulcher and Cultivator. Also a complete line of small garden tools for the garden. See last pages of Catalog.

S. N. & S. CO.'S GARDEN BEAUTIFUL COLLECTION

- | | |
|-----------------------------|--------------------------|
| 1 Pkt. Asters Finest Mixed. | 1 Pkt. Marigold Mixed. |
| 1 Pkt. Ageratum. | 1 Pkt. Mignonette. |
| 1 Pkt. Alyssum. | 1 Pkt. Nigella. |
| 1 Pkt. Balsam. | 1 Pkt. Poppy Mixed. |
| 1 Pkt. Candytuft. | 1 Pkt. Phlox Mixed. |
| 1 Pkt. Morning Glory. | 1 Pkt. Nasturtium Mixed. |
| 1 Pkt. California Poppy. | 1 Pkt. Pansy Mixed. |
| 1 oz. Sweet Peas Mixed. | |

The above collection will give you a continuous show of beautiful flowers from early spring until late fall.

50c

Postpaid

50c

S. N. & S. CO.'S CITY GARDEN COLLECTION

- | | |
|--------------------------------|--------------------------------|
| 1 Pkt. Beans Early Yellow Wax. | 1 Pkt. Lettuce Loose Leaf. |
| 1 Pkt. Beans Early Green Pod. | 1 Pkt. Onion Red. |
| 1 Pkt. Beet Early Round Red. | 1 Pkt. Parsnip. |
| 1 Pkt. Cabbage Early. | 1 Pkt. Peas Early. |
| 1 Pkt. Carrot Early. | 1 Pkt. Peas Medium. |
| 1 Pkt. Corn Sweet Early. | 1 Pkt. Radish Early Round Red. |
| 1 Pkt. Cucumber Early. | 1 Pkt. Radish Long. |
| | 1 Pkt. Tomato Early. |
| | 1 Pkt. Turnip Early. |

16 Large Size Packets for only 50c Postpaid.

50c Postpaid

S. N. & S. CO.'S

FARM GARDEN COLLECTION FOR \$1.50

- | | |
|-------------------------------|---------------------------------|
| 1 Pkt. Beet Early Round Red. | 1 Pkt. Musk Melon Early. |
| ½ Pt. Beans Early Yellow Wax. | 1 Pkt. Onion Red. |
| ½ Pt. Beans Green Pod. | 1 Pkt. Onion Yellow. |
| 1 Pkt. Cabbage Early. | 1 Pkt. Parsnip. |
| 1 Pkt. Carrot Early. | 1 Pkt. Parsley. |
| 1 Pkt. Carrot Medium. | ½ Pt. Peas Early Dwarf. |
| ½ Pt. Corn Sweet Early. | ½ Pt. Peas Medium. |
| 1 Pkt. Cucumber Early. | 1 Pkt. Radish Early Round Red. |
| 1 Pkt. Cauliflower. | 1 Pkt. Radish Long. |
| 1 Pkt. Lettuce Loose Leaf. | 1 Pkt. Turnip Early. |
| 1 Pkt. Lettuce Head. | 1 Pkt. Tomato Early. |
| | 1 Pkt. Rutabaga American Purple |

This Collection of Twenty-three Large Size Packets and ½ Pints. Sufficient for a family garden. All for \$1.50 postpaid. THINK OF IT.

General List of Vegetable Seeds

VEGETABLE GARDEN TIME TABLE FOR PLANTING SEEDS From Practical Experience.

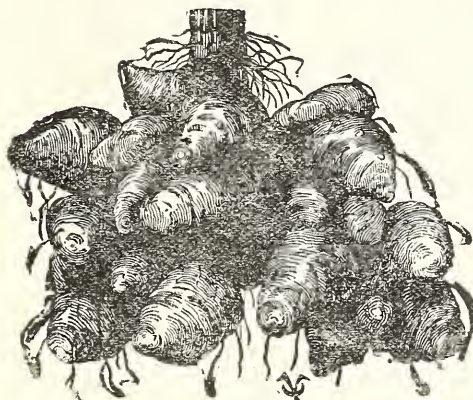
Asparagus	March to June
Beans (All varieties)	May
Beets (Table varieties)	April to May
Beets (Stock)	May
Broccoli (Hot bed)	March
Brussels Sprouts (Hot bed)	March
Cabbage (Early varieties, hot bed)	March
Cabbage (Late varieties, hot bed)	April
Cabbage (Late, in open)	May
Carrots (Table varieties)	April and May
Carrots (Stock)	May
Cauliflower (Hot bed)	March
Celery (Early, hot bed)	March
Celery (Late, hot bed)	April
Chervil	May to July
Cress (Pepper Grass)	May to July

Cress (Water)	May to July
Corn	May 10 to 20
Cucumbers	May
Endive	April to July
Kohl Rabi	May and June
Kale	May
Lettuce	April to May
Leek	May
Melon (Water)	May
Melon (Musk)	May
Onion Sets	March and April
Onion Seed	April
Parsnip	April
Parsley	May
Peas	April to June
Pepper (Hot bed)	March
Potatoes	May

Pumpkin	May
Radish	April to July
Rhubarb	May to July
Salsify	April and May
Spinach	April to August
Squash	May
Sunflower	April to May
Turnip	April to July
Tomato (Hot bed)	March
Rutabaga	May to June

This table is for general use in Montana and has been compiled after much experience in vegetable gardening. This will apply to Idaho, Dakota and Wyoming, also.

ARTICHOKES



JERUSALEM ARTICHOKE.

StimUplant Makes a Wonder Garden

Most valuable food for hogs that can be grown. Every hog raiser should plant them. They are not only very healthful, but as a fattening agent are unexcelled. They yield very heavily. 300 to 350 bushels to the acre being realized on good soil. It is not necessary to dig them for if given an opportunity, the hog will help themselves. Artichokes

need planting but once, and little or no culture after the first year. Cut as potatoes, only smaller; plant in rows three and one-half feet apart. Plow deep, plant shallow, say two inches. The second year, break up the ground as for corn, they will come up thickly all over the surface. Those wishing to purchase should place orders early. Per lb. 25c postpaid, 5 lbs. \$1.10 postpaid, 10 lbs. or over write for prices.

ASPARAGUS

1 oz., 100 feet of drill.

Ger.—Spargel.

Scand.—Asparges

Sow early in the spring in drills 2 inches deep and 12 inches apart if to be cultivated by hand. One ounce of seed will make about 500 plants. When the plants are one or two years old transplant to rows 5 feet apart, and 18 inches apart in the row. Cover the soil 4 to 5 inches deep with well rotted manure and disc well—then plow as deep as possible and fine with harrow. Turn furrows 5 feet apart, about 6 inches deep. Place plants in rows about 18 inches apart, with roots well spread out. Turn a light furrow back over them and level with the harrow by cross harrowing.

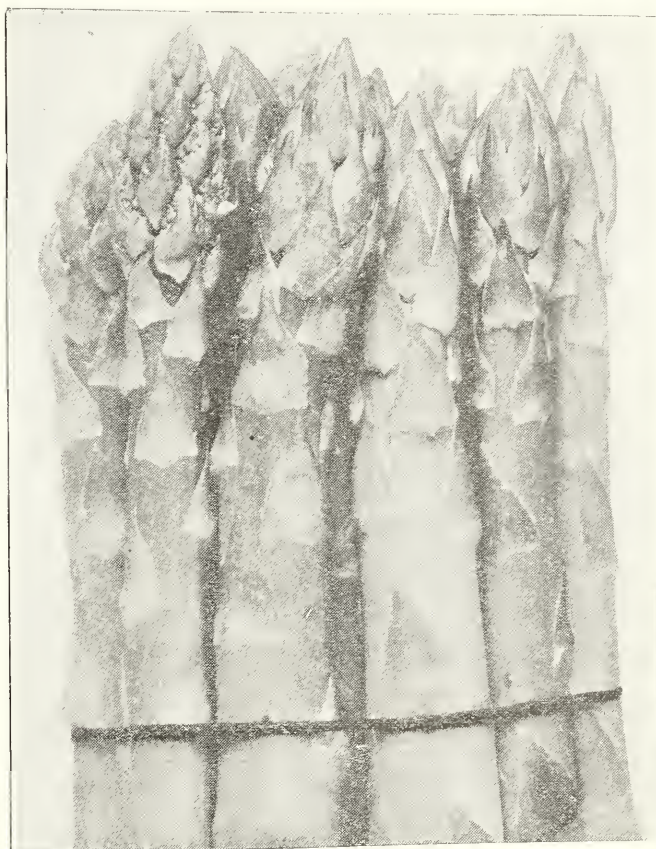
ASPARAGUS—(Conover's Colossal)—The favorite in our western market, having a pink tinge, and very fine flavor, of vigorous growth, none better. Pkt. 5c, oz. 20c, ¼ lb. 45c, lb. \$1.25, postpaid.

ASPARAGUS—(Palmetto)—The plants are strong and vigorous in growth, producing large, thick, dark green shoots, with a distinctly pointed head or tip. Pkt. 5c, oz. 20c, ¼ lb. 45c, lb. \$1.25, postpaid.

ASPARAGUS—(Bonvallet's Giant)—A year ahead of other varieties. The quickest yielding, heaviest producing, finest quality and most disease resisting of any variety. Market gardeners are discarding other well known sorts in favor of this variety. Pkt. 5c, oz. 20c, ¼ lb. 50c, lb. \$1.50, postpaid.



ASPARAGUS KNIFE—(American)—This Asparagus knife is made of the best steel, cutting edges are hardened and tempered to stand rough usage. Used also as digger and weeder for long tap-rooted weeds such as Dandelions. Each 60c, postpaid 70c.



ASPARAGUS

BROCCOLI

OR WINTER CAULIFLOWER

¼ oz. to 100 feet of drill... 2 to 3 oz. to the acre.

Ger. Sparcelkohl.

Scand. Broccoli-kaal.

(One ounce will produce about 3,000 plants.)

Sow the first week in May in drills 3 to 4 inches apart, covering seeds lightly. When the leaves are about three inches broad, transplant to prepared beds 2 feet apart each way. Much resembles Cauliflower, cultivation the same.

BROCCOLI—(Snow White) 150 days—Pure white color; heads medium size, close and compact. Pkt. 5c, oz. 80c, ¼ lb. \$3.00, postpaid.

FIELD BEANS

Great Northern Navy—This variety seems to be especially adapted to Montana soil and climate, and is being grown in increasing quantity each season. In our opinion it leads all other varieties of Navy Beans—when the real test comes—at the table. Its flavor and tenderness as a baked bean are "par excellence." Sow 16 to 24 lbs. to the acre. Pkt. 5c, ½ lb. 15c, lb. 25c, 2 lbs. 40c, postpaid.

Small White Navy—A sure cropper and very productive. Much desired for baking as the quality is the best. Dry beans, small, oval, white, green podded. Pkt. 5c, ½ lb. 15c, lb. 25c, 2 lbs. 40c, postpaid.

For Larger Quantities Field Beans—See Field Seeds.

Inoculate this
Seed with
FARMOGERM.

BEANS

Inoculate this
Seed with
FARMOGERM.

(2 lbs. to 100 feet in drill, or 150 hills; 120 lbs. to the acre, in drills.)
(1 lb. is a little more than a pint. 2 lbs. is a little more than a quart.)

Beans require a light friable, soil, with plenty of moisture. In the garden, the soil should be made mellow and rich, and kept so. All pole varieties should be provided with poles as a trellis on which to climb. For a garden crop, a succession of sowing can be made from the first week in May until the middle of June. Sow in rows 18 to 24 inches apart and cover from 1 to 2 inches deep, but not more. Keep the pods picked and the vines well watered and the beans will continue bearing much longer than if allowed to dry up. Hoe the rows occasionally. For farm crop, plant about 25 pounds per acre in rows 36 inches apart. Heavy clay or adobe soils are not suitable for beans.

DWARF OR BUSH, WAX OR YELLOW PODDED VARIETIES



Improved Golden Wax

YELLOW PODDED VARIETIES

Improved Golden Wax—Probably the best known of all Wax Beans; it is the ideal Wax Bean; very prolific. Thick fleshed and stringless. 40 days. Pkt. 5c, ½ lb. 20c, lb. 35c, 2 lbs. 60c, postpaid.

Davis' White Wax—This is also called the Davis' White Kidney Wax. It is a well known market sort much used for shipping. The plants are very hardy and productive, and the variety is very desirable where a handsome wax-podded white seeded intermediate sort is wanted. The plants are very vigorous. The pods are remarkably long, about six inches, sometimes longer. They are handsome, light yellow, straight, very attractive, and when young are crisp and tender. The dry beans are excellent for baking. Seed medium large, clear white and kidney shaped. 40 days. Pkt. 5c, ½ lb. 20c, lb. 35c, 2 lbs. 60c, postpaid.



Improved Black Wax

Improved Black Wax—This very handsome black wax sort is medium early, fairly hardy and productive. It is one of the very best sorts for home use and for near markets where highest quality is desired. The plants are strong growing with roughened leaves. The pods are long, five and one-half to six inches, straight, round, fleshy and of a bright yellow color. They are tender, absolutely stringless and are produced through a long season. 40 days. Pkt. 5c, ½ lb. 20c, lb. 35c, 2 lbs. 60c, postpaid.

Currie's Rust Proof Black Wax—A very early, beautiful Wax Bean, bearing an abundance of crisp, tender, stringless pods, flat, long, meaty. It is absolutely rustproof, at least we have never seen any beans of this variety that were affected with rust. The vine is hardy and vigorous. The beans, when ripe are bluish-black and kidney shaped. An excellent shipper. 45 days. Pkt. 5c, ½ lb. 20c, lb. 30c, 2 lbs. 55c, postpaid.

Wardwell's Kidney Wax—In western prairie soil this sort is at its best, and gives most gratifying results. The pods are 7 inches long, flat, brittle, stringless, straight, finely shaped, a beautiful yellow, distinct and attractive; they make delicious eating. A good yielder; good in the home garden and profitable for the market. 40 days. Pkt. 5c, ½ lb. 20c, lb. 30c, 2 lbs. 55c, postpaid.

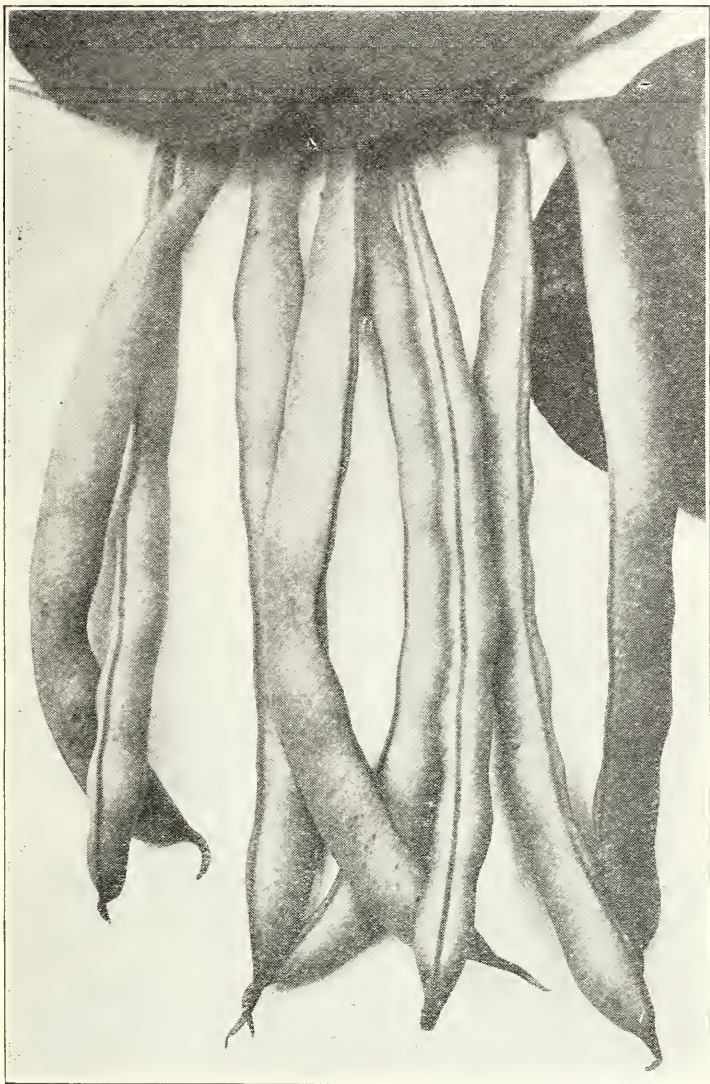


Currie's Rust-Proof Black Wax

On Beans in lots of 5 lbs. or more of one variety deduct 5c per lb. when ordering by express or freight, NOT PREPAID.

BEANS

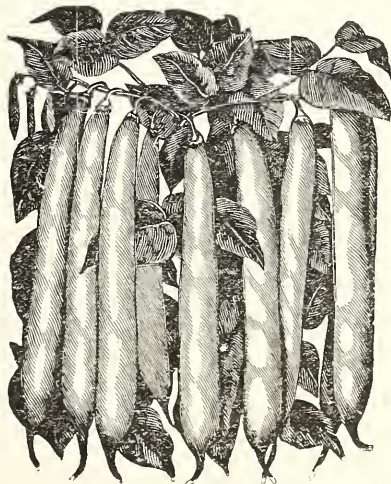
Dwarf or Bush, Green Podded Varieties



Long Yellow Six Weeks

Long Yellow Six Weeks—Are large, vigorous, erect and very productive. The pods are long, about six inches, straight, flat, handsome, rather light green and when young are of a good quality for snaps. Seed medium sized, long, kidney shaped, light yellow with small brownish circle about the eye. Is early maturing and much used for the home garden and market. 40c days. Pkt. 5c, $\frac{1}{2}$ lb. 20c, lb. 30c, 2 lbs. 55c, postpaid.

Early Red Valentine—Is very hardy and early, germinates in cold ground where other sorts would not. Vines are about 15 inch high, yield well; pods are round and fleshy and eaten when young are of good quality. The demand for a hardy, early bean of good quality has established a reputation for this excellent sort. For market garden and home use it is an easy winner. 40 days. Pkt. 5c, $\frac{1}{2}$ lb. 20c, lb. 30c, 2 lbs. 55c, postpaid.



Early Red Valentine

Late Refugee or 1000 to 1—A very productive bean, exceedingly tender and of most excellent flavor. Pods are long cylindrical light green and of good quality; mid-season and late use and excellent for pickling. 60 days. Pkt. 5c, $\frac{1}{2}$ lb. 20c, lb. 30c, 2 lbs. 55c, postpaid.

INOCULATE THIS SEED WITH FARMOGERM



Bountiful

Pkt. 5c, $\frac{1}{2}$ lb. 20c, lb. 35c, 2 lbs. 60c, postpaid.

Bountiful — This excellent dwarf, green podded sort is similar in appearance to Early Yellow Six Weeks but is of much better quality. The vines are vigorous and productive. The pods are very long, six to seven inches, straight, broad, flat, light green, of handsome appearance and absolutely stringless for snaps. They are tender and brittle much longer than most sorts. The pods are longer, broader and have much longer tips than those of Long Yellow Six Weeks. Seed medium sized, kidney shaped, light yellow with brownish circle about eye. Bountiful is a most desirable early sort for snaps for the home garden. 45 days.



Stringless Green Pod

Stringless Green Pod—An early variety, with long pale green pods. Keeps tender for a long time after reaching maturity. 40 days. Pkt. 5c, $\frac{1}{2}$ lb. 20c, lb. 35c, 2 lbs. 60c, postpaid.

FELTHAM PROLIFIC

"The Greatest Producer yet Introduced."

"A Marvel of Productiveness."

This new Dwarf Green Bean is one of the heaviest croppers yet introduced. It produces a mass of medium sized, rich green fleshy pods which are very crisp, and stringless. As the seed is small they do not quickly show through the pods. This is a great advantage as many other good varieties age so quickly that they are useless if allowed to go a day or two too long. "Feltham Prolific" is dwarf with dark green foliage and remarkably quick in growth. A test of $\frac{1}{4}$ lb. of seed in Montana yielded 10 lb. of dried beans. Try this sweet and delicious bean. They are really wonderful.

Pkt. 5c, $\frac{1}{4}$ lb. 15c, $\frac{1}{2}$ lb. 25c, 1 lb. 45c, 5 lbs. \$2.00, postpaid.
10 lbs. or more at 35c per lb. by express or freight.



Feltham Prolific

BEANS—Pole or Running

INOCULATE THIS
SEED WITH
FARMOGERM



Kentucky Wonder

Kentucky Wonder or Old Homestead—Green pod. The old reliable Green Pod Pole Bean. The most widely and universally planted of all the pole varieties. The pods are fleshy, saddle-backed, green, 7 to 10 inches long and stringless when young. Kept picked, they bear throughout the season. Pkt. 5c, $\frac{1}{2}$ lb. 20c, 1 lb. 35c, 2 lbs. 60c, postpaid.

Kentucky Wonder Wax—Yellow pod. The best pole wax bean for northern planting. It is similar in habit of growth to "Kentucky Green Pod" and bears as early, or when about as high as the average bush bean. Pods are beautiful golden-yellow, and so fleshy that often the thickness surpasses the width; make delicious eating. Pkt. 5c, $\frac{1}{2}$ lb. 25c, 1 lb. 45c, 2 lbs. 85c, postpaid.

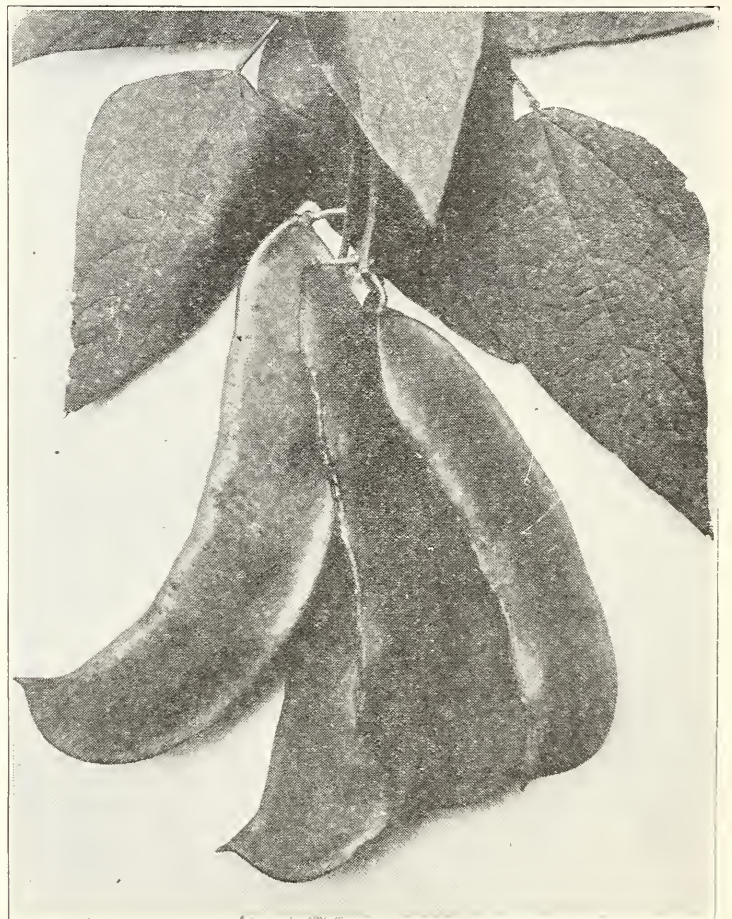
Scarlet Runner—An English bean of great merit; very tender and sweet; also grown as ornamental flowering vine for trellises. Pkt. 5c, $\frac{1}{2}$ lb. 25c, 1 lb. 40c, 2 lbs. 70c, postpaid.

Dwarf Bush Lima Beans

Burpee's Bush Lima—Large white; is the earliest Lima Bean in cultivation; a great favorite for the family garden. Pkt. 5c, $\frac{1}{2}$ lb. 25c, 1 lb. 40c, 2 lbs. 75c, postpaid.

Fordhook Bush Lima—A vigorous and erect growing type. The pods are of a medium green color, and contain three to five beans of exceptionally fine quality. Very productive, and matures early. Very popular for both home and market use. 60 days. Pkt. 5c, $\frac{1}{2}$ lb. 25c, 1 lb. 45c, 2 lbs. 85c, postpaid.

Broad Windsor—This bean is very hardy, and should be planted as soon as the soil is in good state in the spring. Plant four inches apart and 2 inches deep in drills three feet apart, to insure well filled pods, pinch off the tops as soon as pods begin to set. 65 days. Pkt. 5c, $\frac{1}{2}$ lb. 25c, 1 lb. 40c, 2 lbs. 70c, postpaid.



Burpees' Bush Lima

TABLE BEETS

EAT WHEN YOUNG DIRECT FROM YOUR OWN GARDEN

Ger. Rube.

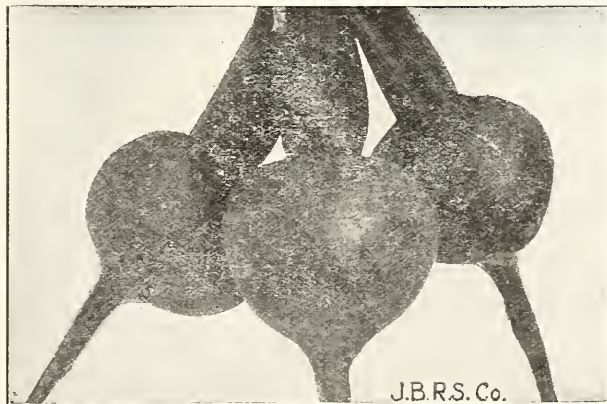
HOW TO PLANT—The soil should be rich and deeply plowed, say 8 to 10 inches. Sow in rows from 14 to 20 inches apart and about 1 to 1½ inches deep. Sow 5 to 6 pounds of seed to the acre in drills and fifteen to twenty pounds of seed to the acre broadcast. As soon as the plants have the fifth and sixth leaf, thin to one plant each 3 inches. If under irrigation, water as soon as thinned. Cultivate often and do not water again until absolutely necessary, as the soil will dry from the surface down and the tap roots will follow. Careful tests have proven that one cultivation a week will give the best results. Keep clean and remember that cultivation is the next thing necessary after the best seeds and the two are necessary for success. (One ounce to 100 feet of drill, 5 to 6 lbs. per acre, in drills. 15 to 20 lbs. to the acre broadcast).

Crimson Globe—Beets may come and Beets may go, but still the Crimson Globe retains its position as the best Beet for the market gardener, as well as for the private garden. It is very symmetrical, with small tap root, and but few fibrous roots, color outside is deep blood-red; inside layers of blood red, light grained and unsurpassed in quality. One sowing only is necessary to produce early beets for market and main crop for winter use. 45 days. Pkt. 5c, oz. 25c, ¼ lb. 45c, lb. \$1.35, postpaid.



Beet—(Crimson Globe.)

Early Wonder—(35 days)—This new variety is extremely early, deep red, tender and sweet. One of the earliest and most perfectly shaped Beets. Its beautiful, deep blood-red, nearly globular-shaped root, small-sized top, and small, clean tap root, make it desirable. Its attractive appearance, uniformity of size and shape and color, and excellent keeping qualities have created a splendid demand for this sort. Grown very extensively for late fall sowing, as it matures two weeks earlier than any other desirable Beet. A field of Early Wonder will mature so evenly that the entire crop may be harvested at one time. We urge that you give it a careful trial. Pkt. 5c, oz. 25c, ¼ lb. 50c, lb. \$1.50, postpaid.



Early Wonder

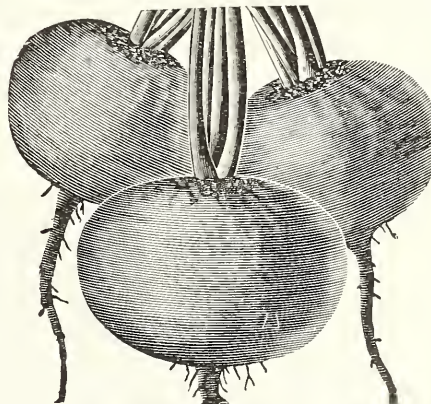
BEET—(Market Gardener's—See Crimson Globe.

Scand. Rodebede.



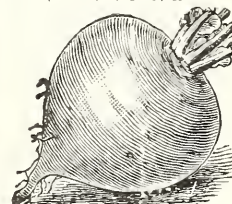
Beet—(Detroit Dark Red Turnip)

Early Eclipse—An early beet especially desirable for the home garden and used for bunching. The tops are small. The roots are bright deep red, smooth, round or slightly top shaped with a small top and small collar. The flesh is bright red, zoned with pinkish white, very sweet, crisp and tender, especially when young. 45 days. Pkt. 5c, oz. 20c, ¼ lb. 45c, lb. \$1.25, postpaid.



Beet—Early Blood Turnip

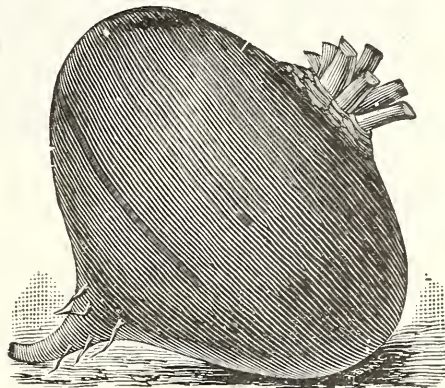
Detroit Dark Red Turnip—The roots are globular or ovoid. They are smooth and have but little tops. The skin is blood-red and the flesh dark red lined with a lighter shade. The flesh is tender and the flavor decidedly sweet. A popular favorite for canning because of its extra deep dark red color. 50 days. Pkt. 5c, oz. 20c, ¼ lb. 45c, lb. \$1.25, postpaid.



Early Blood Turnip—An extra selected stock of blood turnip, having larger, coarser tops and root than Detroit Dark Red and requiring a longer time to mature. The roots are dark red and nearly round or slightly flattened. The flesh is deep red, zoned with lighter shade, sweet, crisp and tender. This is an excellent market and home garden sort for summer and autumn use. 50 days. Pkt. 5c, oz. 20c, ¼ lb. 45c, lb. \$1.25, postpaid.

Extra Early Egyptian

—This is the best variety for forcing. It is also excellent for first early crop outdoors, being very early, with small tops. The leaves are dark green shaded and veined with dark red. The roots are very dark red, moderately thick, a little rounded on top, distinctly flat on the bottom and about two inches in diameter when mature. The flesh is dark purplish red, zoned lighter shade; firm, crisp and tender. 40 days. Pkt. 5c, oz. 20c, ¼ lb. 45c, lb. \$1.35, postpaid.



Extra Early Egyptian

Half Long Blood—An excellent main crop beet. A great favorite as a table or field sort. Roots deep red in color and always symmetrical and smooth. In quality it is sweet, crisp and tender, and is an enormous cropper and a reliable winter keeper. It is a heavy beet without being hard to pull. It never becomes woody and is always good for table use or stock food, whether pulled young or old. 60 days. Pkt. 5c, oz. 20c, ¼ lb. 45c, lb. \$1.25, postpaid.

SUGAR BEETS

FOR SUGAR MAKING

5 to 6 pounds per acre in drills. 15 to 20 pounds per acre broadcast.

Sugar Beets are not as heavy yielders as the Mangels' but are of superior quality containing a large amount of sugar. They are excellent for feeding cows, improving wonderfully the quantity and quality of the milk. Sugar Beets require deep, well enriched soil. The seed should be sown in drills 2 to 2½ feet apart, and covered 1 to 1½ inches deep, any time during April, May or June. Thin the plants carefully to stand 8 inches apart in the row. They are easily stored in outdoor pits, covered with straw and soil. These and Mangels can be profitably grown on grain lands where summer fallowing is practiced. Any crop such as Beans, Corn, Beets, etc., which require cultivation, keeps the weeds down and leave the soil in better condition to produce the grain crop to follow.



Sugar Beet—
Klein's Wanzlebener

Klein's Wanzlebener—Has rather long slender root, very rich in sugar; will yield under average conditions, 16 tons to the acre. All stock men know that sugar makes fat, and will realize its value as a stock food. 80 days. Pkt. 5c, ¼ lb. 25c, 1b. 70c, 10 lbs. \$6.50, postpaid.

Vilmorin's Improved—This French variety is popular with sugar beet growers; contains a large percentage of sugar and requires less water than others. 80 days. Pkt. 5c, ¼ lb. 25c, 1b. 70c, 10 lbs. \$6.50, postpaid.

HALF SUGAR AND HALF MANGEL

For Stock Feeding

The ground should be thoroughly prepared and made firm and mellow, same as for Mangels. Seeding and cultivation should be continued in much the same manner except that they should be thinned out 6 to 8 inches in the row. The Giant Feeding Sugar Beets or Half Sugar Mangels are especially valuable for feeding stock as they give a feed of much greater nutritive value than Mangels.

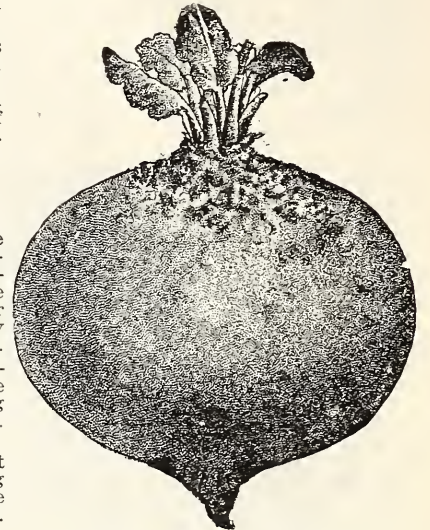
Giant Feeding or Half Sugar White Mangel—The most valuable of all for stock feeding, very heavy yielder, the favorite with stock feeders, very easily pulled, growing half out of the ground. White flesh, green top. Pkt. 5c, ¼ lb. 20c, 1b. 65c, 10 lbs. \$6.00, postpaid.

Giant Feeding or Half Sugar Rose Mangel—A magnificent sort, growing at least half out of the ground, rendering the crop easy to gather. Skin of the upper part is rose colored, and the lower part white. Flesh white, rose top. Pkt. 5c, ¼ lb. 20c, 1b. 65c, 10 lbs. \$6.00, postpaid.

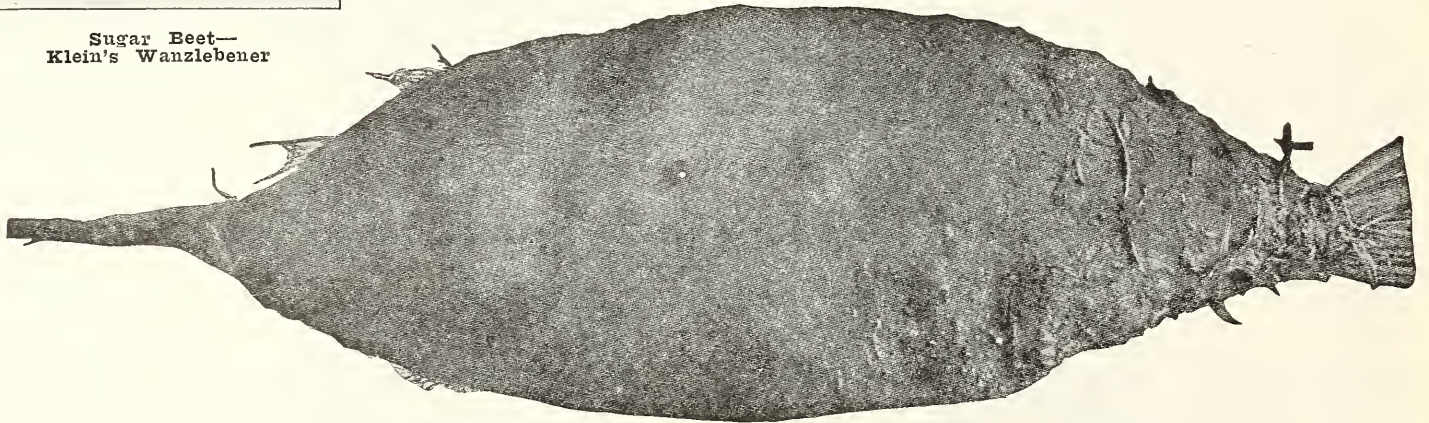
MANGEL WURTZEL

5 or 6 lbs. to the acre.

An ever increasing acreage is being planted for stock feeding purposes, because of the wonderful results obtained from feeding them. Root crops are a great necessity for all kinds of stock, also chickens. Root feeding not only gives high class tissue building substance to the body, but acts as a tonic, keeping the digestive organs in a healthy condition. Root crops should be regularly fed to all stock. Results will show not only in appearance, but also in their increased weight, and in dairy stock will enrich and increase the flow of milk. The ground should be thoroughly prepared, and made firm and mellow. Sow in April and May in drills 2 to 3 feet apart. When 4 to 5 inches high thin to 12 to 15 inches apart. Harvest before frost and cut the tops off; by so doing danger of heating is avoided. Store in pits or cellars. A trial will convince you of their value.



Mangel Wurzel—Yellow Globe



Mangel Wurzel—Mammoth Long Red

THE FOUR BEST MANGELS FOR MONTANA

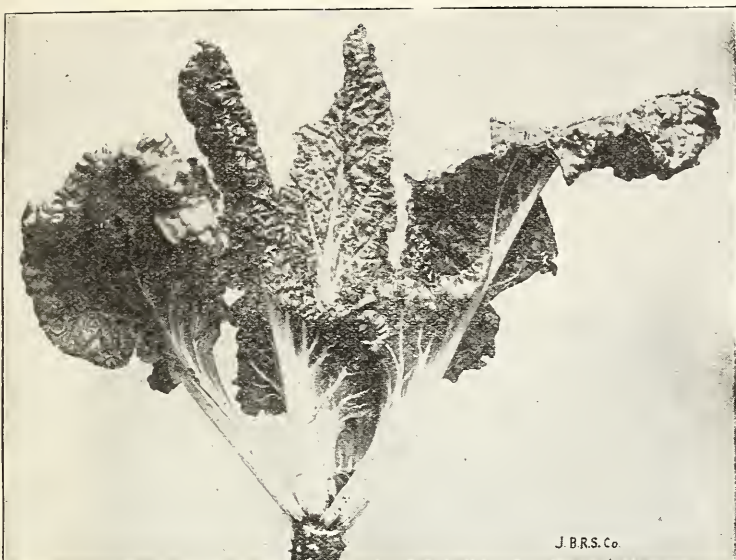
Mammoth Long Red—This variety has produced the largest yield of any kind of mangel at the field trials held at Cornell University. The quality of the roots for feeding is high. The roots grow very large and keep well. They are quite long, light red in color and grow well out of the ground so are easily harvested. Pkt. 5c, ¼ lb. 20c, 1b. 65c, 10 lbs. \$6.00, postpaid.

Danish Sludstrup—Is considered the best of all Mangels, having been awarded first class certificate. In color it is reddish-yellow and of a distinct type. It contains the largest per cent of nutriment found in any sort. It is very hardy, grows well above the ground and is easily pulled. Pkt. 5c, ¼ lb. 25c, 1b. 70c, 10 lbs. \$6.50, postpaid.

Golden Tankard—A distinct variety, particularly valuable on account of its richness in saccharine matter, and highly prized by dairymen for its milk-producing qualities. All stock will thrive on it. The flesh, which is of a distinct deep yellow, is very sweet and tender. The large roots are oval in shape, and therefore will pull easier. 90 days. Pkt. 5c, ¼ lb. 20c, 1b. 65c, 10 lbs. \$6.00, postpaid.

Yellow Globe—An especially good variety to grow if one has a limited supply of water; a great favorite for dairymen, making a wonderful increase in milk; easy to pull and harvest; tops are small. 85 days. Pkt. 5c, ¼ lb. 25c, 1b. 70c, 10 lbs. \$6.50, postpaid.

Write for Price on 25 lb. Lots and Larger Quantities.



J.B.R.S. Co.

SWISS CHARD

2 oz. to 100 feet of drill

Ger.—Briskohl.

Scand.—Bladbed.

SWISS CHARD—LUCULLUS—(Or Sea Kale Beet).

Used for Leaves and Leaf-Stalks Only as "Greens"

Swiss Chard is a delicious vegetable that can be very easily grown. Europeans value it very highly, and it is rapidly growing in favor among Americans. Swiss Chard is used extensively either as greens or in the same manner as Asparagus, when only the rib is eaten. It may also be cooked and eaten like Spinach. Seed may be sown in April or May, in drills eighteen inches apart and an inch and a half deep. Thin the plants to ten or twelve inches apart and cultivate the same as for the common Red Beet. The outer leaves should either be cut off close to the base of the plant or pulled off when young, and may be picked continuously from June until frost, for when the leaves are cut others take their places very rapidly. 30 days. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 45c, lb. \$1.50, postpaid.

If you are fond of greens nothing will suit you better than Swiss Chard. Try some in your garden this season.

BRUSSELS SPROUTS

Ger.—Rosenkohl.

Scand.—Rosenkaal.

BRUSSELS SPROUTS—Species of cabbage, cultivation the same. One ounce will grow a bed of 40 square feet and produce about 3000 plants. This is a delicious vegetable, superior to either Broccoli or Spinach. The cabbage-like heads which grow upon the stem are much improved by a moderate frost. Sow in hot beds in March or April, and in the open ground in May; cultivate same as Broccoli.

Improved Half Dwarf—An improved variety growing about 20 inches high; produces sprouts in abundance, cut out head of plant when sprouts have formed. 125 days. Pkt. 5c, oz. 40c, $\frac{1}{4}$ lb. \$1.35, postpaid.

CHICORY

Witloof, or "French Endive"—Seed sown in May or June produces roots which, when taken up and placed in sand in a warm dark place, throw out tender white sprouts which are used as salad. These sprouts are often called "French Endive." Pkt. 5c, oz. 40c, $\frac{1}{4}$ lb. \$1.35, lb. \$4.00.

FOR BIRD SEED, CUTTLEFISH BONE, ETC., See Field Seeds.

CABBAGE $\frac{1}{4}$ oz. to 100 feet of drill.

Ger.—Kopfkohl.

Scand.—Hovedkaal.

One ounce will produce 3,000 plants; one-quarter pound will produce plants for one acre.

The soil should be deep and rich. For early crop grow plants in hot beds, transplanting to cold frames and then as early as possible after danger of freezing to the open ground. Cultivate often and keep well watered if under irrigation. For late crops sow seed in open ground and transplant, or some succeed well by sowing seeds in hills where wanted and thinning to one. This avoids the necessity of waiting for a damp time to transplant.

EXTRA EARLY VARIETIES

Early Jersey Wakefield—This has been for many years the leading early Cabbage in America. The main difficulty has been to get a perfectly satisfactory and reliable strain of seed. Buyers will find Early Jersey Wakefield the genuine article. It has few outer leaves, and in compactness and regularity cannot be surpassed. The thick stout leaves and compact habit make it the best sort for very early setting. It frequently matures inside of 100 days from sowing. 80 days. Pkt. 5c, $\frac{1}{2}$ oz. 20c, oz. 35c, $\frac{1}{4}$ lb. \$1.00, lb. \$3.25, postpaid.



Early Winningstadt—This is another old and famous type of early Cabbage but as in the case of Wakefield, the main difficulty is to get a strain of seed representing the highest grade of excellence. Such a strain will be found in our Winningstadt. It is almost as early as Wakefield. It is a sure header, even where other sorts may fail and seems to be less liable to the attacks of Cabbage worm than many other varieties. 90 days. Pkt. 5c, $\frac{1}{2}$ oz. 20c, oz. 30c, $\frac{1}{4}$ lb. 90c, lb. \$3.00, postpaid.

Cabbage (Early Winningstadt)

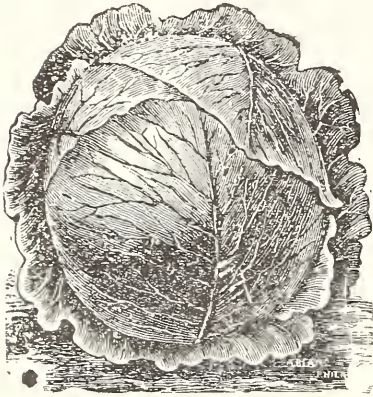


Copenhagen Market

Copenhagen Market—A new early variety, which is very popular with market gardeners. It is the finest large, round-headed early Cabbage in cultivation. It is further desirable on account of the remarkable characteristic of maturing the heads all at the same time, enabling the grower to gather his crop with less expense and permitting the cleaning of the land at the first cutting. The heads average about ten pounds each in weight, are hard and solid and with small core. The quality is extra fine and sweet. It matures as early as the Wakefield and will yield more to the acre in weight. It is a short-stemmed variety, the heads nearly resting on the ground. The leaves are light green, rather small, saucer shaped and tightly folded, making it possible to set them close together in the field. 85 days. Pkt. 10c, $\frac{1}{2}$ oz. 25c, oz. 40c, $\frac{1}{4}$ lb. \$1.25, lb. \$4.25, postpaid.

Glory of Enkhuizen—The earliest and largest white Cabbage—attractive for market purposes. Solid with large ball shaped heads thin-ribbed and hard, few outside leaves; exceedingly tender. Is a dwarf and compact grower; allowing close planting; will yield more tons per acre than any other variety. 90 days. Pkt. 5c, ½ oz. 20c, oz. 30c, ¼ lb. 90c, lb. \$3.00, postpaid.

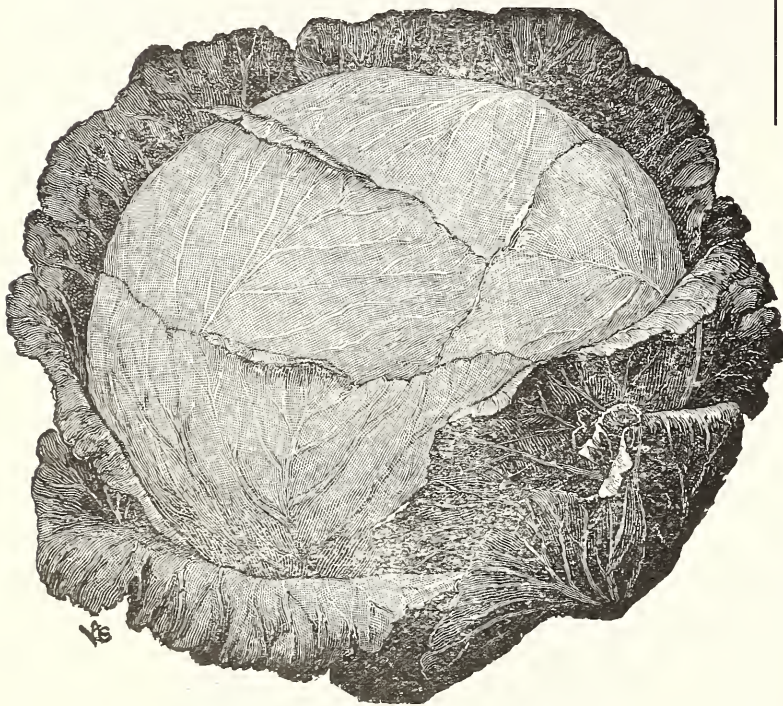
Cabbage--Second Early Variety



Cabbage—Early Summer

Early Summer—A reliable second early Cabbage, which matures about ten days after the Jersey Wakefield. It makes a large, solid, flattish head, with short outer leaves, which admit of close planting in the field, and is a good keeper. This variety, maturing so soon after the pointed head sorts, is extremely valuable for growing as a second crop, and as it is suited to all sections it is very largely grown. 110 days. Pkt. 5c, ½ oz. 20c, oz. 35c, ¼ lb. \$1.00, lb. \$3.25, postpaid.

Late or Winter Varieties



Cabbage—Large Late Flat Dutch

Large Late Flat Dutch—A low growing variety, heads large, bluish green, round solid broad and flat on top; an excellent fall and winter variety, and a good keeper. It is a sure header. 120 days. Pkt. 5c, ½ oz. 20c, oz. 30c, ¼ lb. 90c, lb. \$3.00, postpaid.

Hollander or Danish Ball Head—Very hardy, handsome, very solid, of fine quality. Plant vigorous compact growing, with longer stem than most American sorts and exceedingly hardy in resisting cold and dry weather; leaves large, thick, bluish green covered with whitish bloom. Heads medium sized, round very solid, and stands shipment better than any other late sort. 120 days. Pkt. 5c, ½ oz. 20c, oz. 30c, ¼ lb. 90c, lb. \$3.00, postpaid.

Surehead—One of the most reliable main crop or late cabbage for northern latitudes, being very hardy and exceptionally sure heading. The heads are large and broad, thick, somewhat flattened, compact, very solid and of excellent quality. 120 days. Pkt. 5c, ½ oz. 20c, oz. 30c, ¼ lb. 90c, lb. \$3.00, postpaid.

Hammond's Slug Shot

KILLS CABBAGE AND CAULIFLOWER WORMS
SEE INSECTICIDES

CABBAGE—(Danish Roundhead)—(Short Stem)—This is an improved form of the Danish Ball Head, and will average more in weight per head than the old parent type. Shorter stemmed, very vigorous and has developed a wonderful capacity for withstanding hot sun. Inside leaves blanch pure white, very solid, and exceedingly crisp and tender. 115 days. Pkt. 5c, ½ oz. 25c, oz. 40c, ¼ lb. \$1.10, lb. \$4.00, postpaid.

Red Rock—This is the largest variety of Red Cabbage, and produces heads which are remarkably solid, more so than any other kind. The heads, which are round, with spreading outer leaves mature at a late season, and on account of their solidity will keep well for a long time. It is the best and most attractive Red Cabbage grown. Fine for pickling. 120 days. Pkt. 5c, ½ oz. 20c, oz. 35c, ¼ lb. \$1.10, lb. \$4.00, postpaid.



Cabbage—Drumhead Savoy

Drumhead Savoy—The plants are vigorous, of medium size, with rather short stem and are very sure heading. The outer leaves are medium large, thick, fleshy and densely and uniformly crumpled; the heads are large, nearly round, fairly solid, sweet and tender. 110 days. Pkt. 5c, ½ oz. 20c, oz. 35c, ¼ lb. \$1.10, lb. \$4.00, postpaid.



Pe Tsai—Chinese Cabbage—Blanched Head

Chinese Pe Tsai or Celery Cabbage—This Chinese introduction is really of great merit, growing somewhat like the Cos Lettuce. Boiled and seasoned with butter, it makes a most delectable dish, and is also a splendid base for salads. Sow rather later than ordinary Cabbage—as too early sowings have a tendency to run to seed too quickly. 75 days. Pkt. 10c, ½ oz. 25c, oz. 40c, ¼ lb. \$1.10, lb. \$4.00, postpaid.

CARROT

Ger.—Moehre.

Scand.—Gulrod.

(One ounce to 100 feet of drill; 3 to 4 pounds to the acre.)

Good sandy loam is best adapted for Carrots of all varieties. The shorter varieties, however, can be sown in heavier soil with good results.

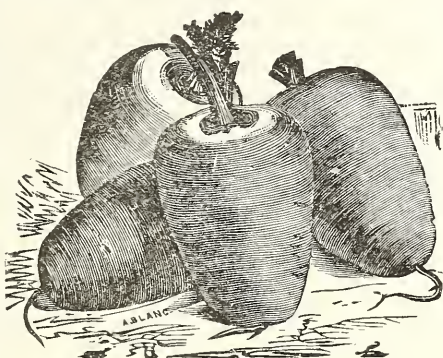
Early French Forcing or Golden Ball—This Carrot is one of quick growth, for it matures as quickly as a radish. It has a very fine neck and a rather hollow crown. We highly recommend it to all our customers who desire a small, early, delicious Carrot that will mature early, but must be sown in rich soil. 50 days. Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 40c, lb. \$1.25, postpaid.

Early Scarlet Horn—May be planted very early in spring, and is an excellent summer variety. Tops small and roots grow about 2 inches long; reddish orange and good flavor. May be grown either in frames or in the open ground. This Carrot is at its very best while young and should be used before it has attained its full growth. 55 days. Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 40c, lb. \$1.25, postpaid.

Oxheart or Guerande

— Medium early, bright orange color, fine grained and sweet, one of the best table varieties. Can be pulled by hand; well suited to heavy soils, but will thrive equally well in other situations. 70 days. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 45c, lb. \$1.35, postpaid.

Early Chantenay or Model—A most excellent, medium early, half long variety. It is one of the best and also a desirable field sort. The tops are medium sized with small neck. The roots are thick, six inches in length, uniformly half long or stumpy rooted but tapering slightly, smooth, deep orange-red in color. The flesh is very crisp and tender. Variety is extensively used for bunching. 65 days. Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 35c, lb. \$1.00, postpaid.



Carrot—Oxheart or Guerande

Danvers Half Long—A standard variety and one of the heaviest croppers. Color dark orange, very thick shoulder, of a most excellent quality. Length 8 to 10 inches. 75 days. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 45c, lb. \$1.35, postpaid.

Improved Long Orange—This is a variety of the largest size. The roots are uniform in size and form, smooth, and free from small rootlets, penetrating the soil very deeply. Of gradually tapering shape, holding their thickness well throughout the length; rich, deep orange coloring. It is a good keeper of fine quality for winter use. 80 days. Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 40c, lb. \$1.25, postpaid.

CARROTS FOR STOCK

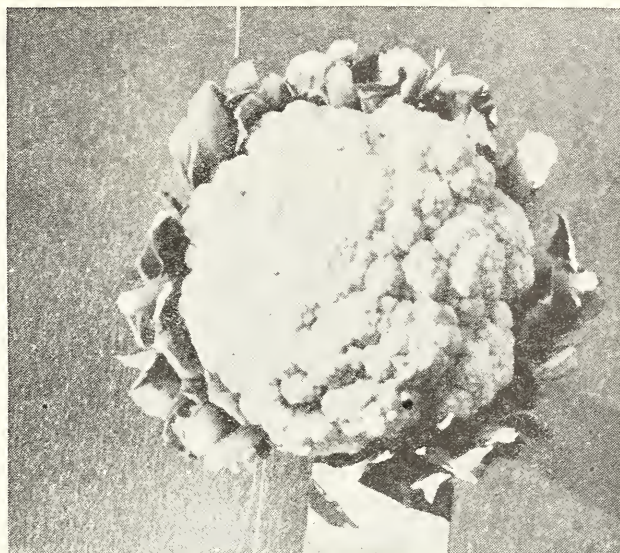
THE TWO BEST VARIETIES

Victoria—There can be only one best stock Carrot, and we think our Mastodon is that Carrot, yet there are many who prefer a yellow Carrot. We can say that there is no yellow Carrot which can approach the Victoria in size, in yield and in feeding qualities. It is the largest and best form of orange or yellow Carrot known. The roots are remarkably fine, very symmetrical and of excellent quality, possessing high feeding properties. It is a heavy cropper on all soils, but is especially adapted for rich, strong land. It grows nearly half as much weight again an acre as the ordinary varieties, and as the roots grow more above the ground it is much easier to gather the crop. This grand variety is sure to suit every one who grows it. 90 days. oz. 10c, $\frac{1}{4}$ lb. 25c, lb. 80c, 10 lbs. \$7.50, postpaid.

Mastodon—It is the heaviest cropping Carrot grown, yielding more tons to the acre than any other sort. The flesh is white, crisp and very sweet in flavor. It is a vast improvement on the white and green Belgian sorts which have been favorites in the past, it is much more productive. The roots are short and very heavy at the shoulder, rendering them easily harvested. An important feature, is that they do not easily break in pulling. Too much can scarcely be said of their size and great productiveness. The roots frequently measure 15 to 20 inches in circumference, and 18 to 40 tons to the acre is not an extravagant statement as to yield. 90 days. Oz. 10c, $\frac{1}{4}$ lb. 25c, lb. 80c, 10 lbs. \$7.50, postpaid.

CAULIFLOWER

(One ounce for 3,000 plants.)

 $\frac{1}{4}$ oz. to 100 feet of drill. Two oz. to the acre.

Early Snowball

Culture—Cauliflower is a gross feeder, and well repays heavy manuring and high culture. It succeeds best on well drained soil. For spring crop, plant the seed in protected beds early in February and the plant will be ready to transplant probably early in April. The young plants should be thinned, since they become very spindly if allowed to grow too thick in seed bed. Plant in rows two feet apart—eighteen inches in the row.

Early Snowball—Is the best all-round Cauliflower on the market for early or late use, for the family or the market garden. It heads where others fail. Its close and compact habit of growth permits one-third more to be planted on the same quantity of ground than can be done with other varieties. 90 days. Pkt. 5c, $\frac{1}{4}$ oz. 85c, oz. \$3.00, $\frac{1}{4}$ lb. \$8.50, postpaid.

Early Dwarf Erfurt—An extra early variety, scarcely a plant fails to produce a head. 100 days. Pkt. 15c, $\frac{1}{4}$ oz. 75c, oz. \$2.50, $\frac{1}{4}$ lb. \$8.00, postpaid.

Dry Weather or Danish Giant—Is more resistant to unfavorable season than other sorts, particularly in dry weather. 100 days. Pkt. 15c, $\frac{1}{4}$ oz. \$1.00, oz. \$3.50, $\frac{1}{4}$ lb. \$10.00, postpaid.

Extra Early Snowball or Danish Perfection—This new strain, introduced by one of the leading Cauliflower seed growers of Denmark, possesses all the good qualities of the best Early Snowball strains and in addition has shown an unusual uniformity in maturing the crops being taken off clean at practically the first cutting. The leaves, very closely enfolding the head, give it a particularly attractive appearance when displayed for sale, and as the inner leaves almost cover the snowwhite flower the necessary early tying up as in the case of other early sorts is largely avoided. It is the earliest strain of its type and recommended for extra early marketing. 80 days. Pkt. 15c, $\frac{1}{4}$ oz. \$1.00, oz. \$3.50, $\frac{1}{4}$ lb. \$10.00, postpaid.

CELERIAC

Ger.—Knoller Sellerie.

Scand.—Knopselleri.

Giant Smooth Prague—Turnip rooted celery. Excellent for soups. Will keep all winter; roots large, smooth, good flavor. 125 days. Pkt. 5c, oz. 25c, $\frac{1}{4}$ lb. 85c, lb. \$3.25, postpaid.



Celeriac—Giant Prague

StimUplant
Makes a
Wonder Garden

CELERY

Ger.—Sellerie.

Scand.—Selleri.

(One ounce will produce 7,000 plants.)
 (¼ oz. to 100 feet of row. Two oz. to Acre.)

Sow seeds in a hot bed or cold frame. As soon as the plants are about 3 inches high, transplant to a nicely prepared bed in the border, setting them 4 to 5 inches apart. When some 8 inches high, and the plants stocky, set them in trenches. Earth up a little during the summer keeping the leaf stocks close together so that the soil cannot get between them. Finish earthing up in autumn, and never hoe or earth up in moist weather.

Keep the seed bed moist to insure quick germination and vigorous growth.



PARIS GOLDEN
SELF BLANCHING
CELERY

Paris Golden Self Blanching—A remarkable early sort, entirely self-blanching, with beautiful large golden yellow heart, crisp solid and nutty flavor. 110 days. Pkt. 25c, ½ oz. 65c, oz. \$1.25, ¼ lb. \$4.00, lb. \$15.00, postpaid.

Easy Blanching—The most valuable celery introduced in many years, with a remarkable natural tendency to blanch readily. Those who have never been successful in growing good celery can depend on this variety. Valuable both for early use and for its winter keeping qualities. Of very quick growth, thick stalks, very tender and brittle, and rich flavor. Its unusually long season for use appeal to the home gardener as well as the commercial grower. 115 days. Pkt. 5c, ½ oz. 30c, oz. 50c, ¼ lb. \$1.25, lb. \$4.50, postpaid.

GIANT PASCAL OR WINTER KING

The Largest Ribbed Celery in Cultivation

This celery has the sweet, nutty flavor of Golden Self Blanching, of which it is an offspring. The stalks are about two feet high; thick, solid and stringless, and as brittle as glass. It blanches easily and is an elegant winter keeper for home or market. 140 days. Pkt. 5c, ½ oz. 20c, oz. 35c, ¼ lb. \$1.00, lb. \$3.50, postpaid.

WINTER QUEEN

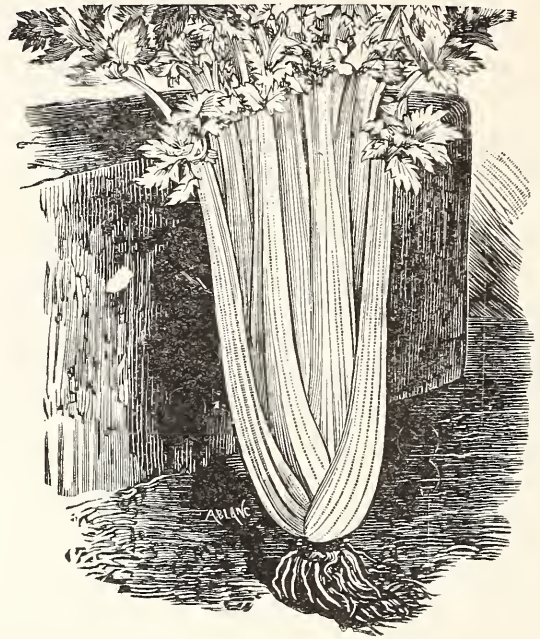
Unsurpassed for Winter Use

Probably the most desirable winter keeping celery. It is short, stout, thick and heavy, with double the amount of heart of any other celery, a habit of growth which gives it truly remarkable value. The flavor is sweet, nutty and delicious, leaving nothing to be desired. It bunches up handsomely. The leaves are light green, and blanch to a cream white. Matures its crop in 140 days. Pkt. 5c, ½ oz. 20c, oz. 35c, ¼ lb. \$1.00, lb. \$3.50, postpaid.

Celery Seed—For Flavoring—Excellent to use for flavoring soups, pickles, etc. ¼ lb. 20c, lb. 60c, postpaid.



Giant Pascal or
Winter King



Celery—White Plume

White Plume—This magnificent celery is improving from year to year under high culture and careful selection. It is a truly beautiful type. Not only does the stem whiten, but the leaf itself, especially every inner leaf assumes the attractive white color. This makes the White Plume Celery one of the most showy ornaments that can be put upon the Thanksgiving or Christmas dinner table. As to succulence, crispness and quality, the Perfected White Plume is all that can be desired of a white celery. Fit to eat in 110 days. Pkt. 5c, ½ oz. 20c, oz. 35c, ¼ lb. \$1.00, lb. \$3.50, postpaid.

To Succeed with Celery you must keep your plants growing constantly while young, if you allow them to 'stand still' they will run up to seed later. Always cultivate as soon after watering as the ground is dry enough to work well. Fertilize heavily in the Spring—and use nitrate of soda later if needed.

CHERVIL

(One ounce to 100 feet of row.)

CHERVIL—(Curled)—An aromatic herb. The young leaves are used in soups and salads. Pkt. 5c, oz. 40c, ¼ lb. \$1.25, postpaid.

CHIVES—(Snittlauch)

(See Also Vegetable Plants.)

Chives—A vegetable of the Onion tribe, quite hardy everywhere. The leaves are slender and appear very early in the spring, and may be shorn several times during the season. They are propagated by divisions of the root or sowing of seed. The chives are equal to the Onion for flavoring soups and salads. Pkt. 10c, ½ oz. 40c, oz. 75c, ¼ lb. \$2.00, postpaid.

CORN SALAD

Ger.—Feldsalat.

Scand.—Vaarsalat.

Two oz. to 100 feet of drill.



Corn Salad

CORN SALAD—(Or Feticus)—A salad plant used as a substitute for Lettuce in salads or may be cooked like spinach for greens. It does well in the fall and spring. On rich soil the leaves renew rapidly after being cut 55 days. Pkt. 5c, oz. 20c, ¼ lb. 60c, lb. \$2.00.

CRESS

Ger.—Karten-Kresse.

Scand.—Karse.

CRESS, OR PEPPER GRASS—This salad is much used with Lettuce to the flavor of which its warm pungent taste makes an agreeable addition. 30 days. Pkt. 5c, ½ oz. 10c, oz. 15c, ¼ lb. 40c, postpaid.

CRESS—(Water)—Hardy perennial aquatic plant; sow seed along water's edge, preferably near running springs. 45 days. Pkt. 10c, ½ oz. 30c, oz. 50c, ¼ lb. \$1.80, postpaid.

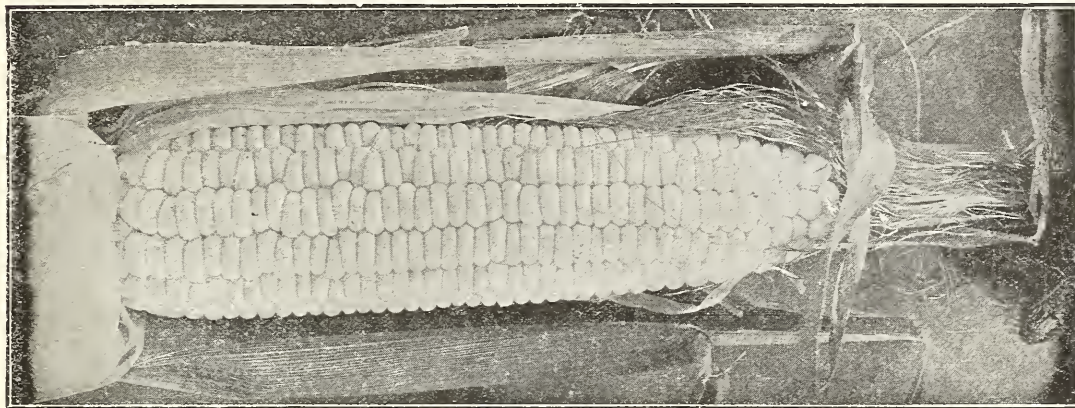
StimUplantMakes a
Wonder Garden

CORN--Sweet or Sugar

StimUplantMakes a
Wonder Garden

1 lb. for 100 hills or 150 to 200 feet of drill. 15 lbs. to acre. 1 lb. is a little more than a pint—2 lbs. a little more than a quart.

Sweet Corn is very sensitive to frost and should not be planted until danger from freezing is past or about the middle of May in Montana. A rich, warm good ordinary soil will raise excellent Sweet Corn, if it is deeply and thoroughly worked before planting. If planted in rows, make the rows three feet apart and 12 to 16 inches apart in the row; cover one inch deep with fine soil firmly pressed down. If planted in hills, make the hills three feet apart each way, and plant four to six kernels to the hill. Hoe frequently and when six inches high cut off all the suckers so as to leave three or four plants to the hill; do not let the plants overcrowd. Give frequent and thorough but shallow cultivation until the tassels appear. In cooking corn use boiling water, do not cover the vessel and do not cook more than ten minutes. "Use no salt"—A pinch of sugar will add to the natural sweetness.



Peep O'Day

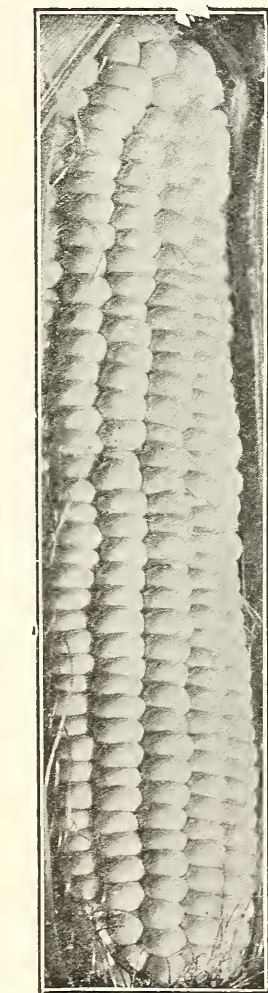
EARLY VARIETIES

Peep O'Day—Five days earlier than the Golden Bantam. Peep O'Day Corn, in addition to its sensational earliness, is entirely distinct in appearance and habit of growth. The stalk grows from 3 to 4 feet in height. The ears average about 5 inches in length and are of perfect form, well filled out to the tip. When cooked, the corn is exceedingly sweet and tender. 65 days. Pkt. 5c, ½ lb. 20c, 1 lb. 35c, 2 lbs. 60c, postpaid.

Golden Bantam—The well known variety of sweet corn which many people consider the richest and sweetest of all Corn. Some of our customers are now planting this corn at regular intervals during the season, so that they may have it for table use continually and prefer it to all other sorts. Ears medium size, thickly set with delicious yellow kernels. Golden Bantam has a flavor distinct from any other sort. A very early variety. 70 days. Pkt. 5c, ½ lb. 20c, 1 lb. 35c, 2 lbs. 60c, postpaid.

SECOND EARLY VARIETIES

Early Minnesota—This deservedly popular variety is one of the best second early sorts for the market and the home garden. The stalks are about six feet high bearing one or two ears well covered with husks. The ears are about eight inches long, eight rowed; kernels very broad, white, sweet and tender, not shrinking much in drying. By careful selection we have developed a stock of this standard variety which is remarkably uniform and in which all the good qualities that have made this sort so desirable are intensified. 70 days. Pkt. 5c, ½ lb. 20c, 1 lb. 35c, 2 lbs. 60c, postpaid.

Mammoth
White Cory

Black Mexican—This variety has for a number of years had the reputation of being the sweetest of all Sweet Corn. When cooked, the ear is white with a bluish tinge towards the base of the kernel. Every year we have a number of inquiries from those who have known this Corn, but who have forgotten its name and remember it only as the "black corn that was so very sweet." 75 days. Pkt. 5c, ½ lb. 20c, 1 lb. 35c, 2 lbs. 60c, postpaid.

EXTRA EARLY VARIETY

NUETTA—The Most Prolific, Earliest and Hardest Sweet Corn in the World, a North Dakota Native Product. The original seed was obtained from a Mandan Indian and has been selected for the past nine years. It is the most productive variety we know and bears several large ears to a stalk. The seed is red, but ears when fit for eating are yellow and very sweet, rivalling the Golden Bantam. 60 days. Pkt. 5c, ½ lb. 25c, 1 lb. 45c, 2 lbs. 80c, postpaid.

SECOND EARLY VARIETIES

Mammoth White Cory—We consider this one of the best second early varieties for the market and home garden. The ears are very large for so early a variety. The stalks are about four feet high, each generally bearing two large, finely shaped ears which become fit for use as early as those of any variety. They are twelve rowed, six to seven inches long, very symmetrical and handsome, seldom with any opening between the rows at the base. The grain is large, broad, very white and of remarkable good quality for such an early sort. 90 days. Pkt. 5c, ½ lb. 20c, 1 lb. 35c, 2 lbs. 60c, postpaid.

Fertilize the Sweet Corn ground if you want high sugar content.

In cutting corn for the table it is important that it be picked at just the right time.

POP CORN—White Rice—We have a very choice lot, carefully selected and tested for seed purposes—Montana grown. Pkt. 5c, ½ lb. 20c, 1 lb. 30c, 2 lbs. 50c, postpaid.

Japanese Hulless—Also known as Tom Thumb, Australian Hulless. Japanese Hulless is a dwarf-growing white Rice Pop Corn, a heavy yielder, and is ready for popping soon after it is husked. It has no hull or shell or hard center, is most tender, and of a delicious flavor when popped. You will not be without it if you give it a trial this year. 140 days. Pkt. 5c, ½ lb. 20c, 1 lb. 35c, 2 lbs. 60c, postpaid.

On Sweet Corn in lots of 5 lbs. or more of one variety, deduct 5c per lb. when ordered by express or freight, not prepaid.



Sweet Corn—Nuetta

CUCUMBER

Ger.—Gurken.

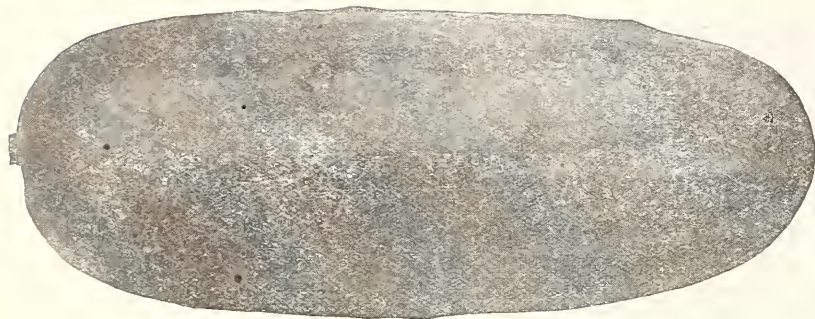
Scand.—Haurk.

(One ounce will plant fifty hills; two lbs. to an acre.)

Early White Spine—Earliest of the White Spine varieties. Excellent for table use. 60 days. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 50c, lb. \$1.75, postpaid.

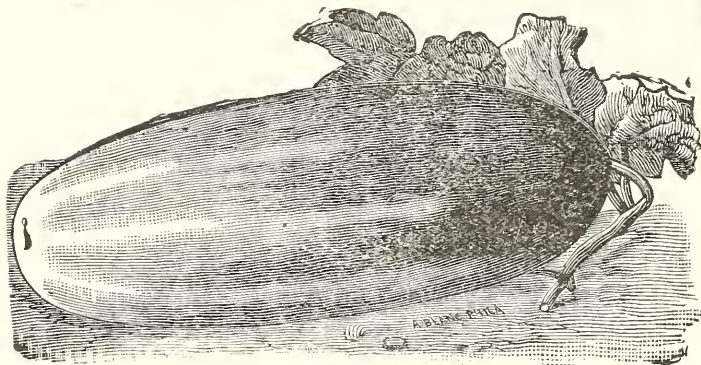
Early Frame or Short Green—A very productive variety having fruits of good length and handsome form. Desirable for producing pickles of medium size. Fine quality when sliced for table. 55 days. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 50c, lb. \$1.50, postpaid.

Early Russian—Bright green crisp and tender flesh; excellent for table use or pickling. 55 days. Pkt. 5c, oz. 25c, $\frac{1}{4}$ lb. 75c, lb. \$2.50, postpaid.



Cucumber—Earliest of All

Earliest of All—An extra early prolific Cucumber; the fruit full and uniform, tapering slightly at both ends. Color, a good, deep green. It is a week to ten days earlier than Extra Early White Spine, and because of its extreme earliness is a very desirable variety both for the home garden and those who grow for the market. 50 days. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 65c, lb. \$2.00, postpaid.

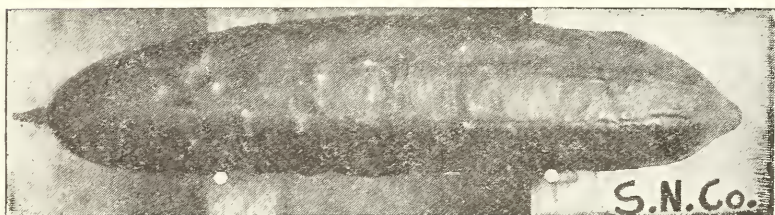


Early Fortune

Early Fortune—This distinct variety is the finest yet introduced. The rich dark green fruits when matured at the slicing stage average $7\frac{1}{2}$ to 8 inches in length and retain their color for a remarkably long time. The flesh is firm, with a small seed cavity, making it a good shipping and market sort. As a pickling sort it is equally as good, producing an enormous quantity of uniform well shaped pickles. The vine growth is very vigorous and the leaves, which are larger than those of other sorts, are very resistant to disease. 52 days. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 65c, lb. \$2.00, postpaid.

Everbearing—Small size, very early and enormously productive and valuable as a green pickler. It continues to flower and produce fruit until killed by frost whether the Cucumbers are picked off or not. Remarkably solid with very few seeds and of fine quality. Invariably of perfect form even when small. 65 days. Pkt. 5c, oz. 25c, $\frac{1}{4}$ lb. 75c, lb. \$2.50, postpaid.

Davis Perfect—Long and slender, average length 10 to 12 inches. Color very dark green, of fine flavor, very tender and brittle. A choice variety for forcing under glass or for outside culture. 60 days. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 50c, lb. \$1.75, postpaid.

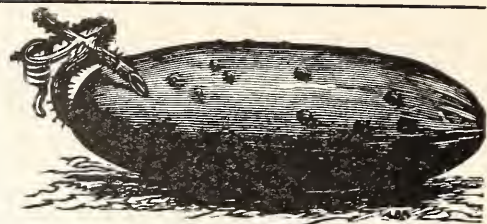


Cucumber—Long Green

Improved Long Green—Not quite so early as the above named sorts but admitted to be the best general crop Cucumber for this climate; good color, crisp and tender. 70 days. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 50c, lb. \$1.75, postpaid.

Lemon Cucumber—

New and entirely different type of cucumber. Shaped and colored like a lemon with fine flavor. For slicing and salads they excel, having none of that bitter taste so often found in cucumbers. May be eaten green, but is at its best just as it is turning yellow. Makes excellent pickles. 55 days. Pkt. 5c, oz. 30c, $\frac{1}{4}$ lb. \$1.00, lb. \$3.00, postpaid.



Cucumber—Extra Early Green Prolific or Boston Pickling

Extra Early Green Prolific or Boston Pickling—The best pickling sort yet introduced. A very prolific variety used principally for pickles. Fruit medium sized, bright green, flesh firm and very crisp and tender. Gather the fruit when small and it will bear all summer. 65 days. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 50c, lb. \$1.50, postpaid.

Japanese Climbing—A strong and vigorous grower, and while all Cucumbers are running or creeping vines, this variety attains nearly twice the length of ordinary sorts and can be grown on trellises, fences or poles. The fruits from ten to twelve inches in length, are of excellent quality either for slicing or pickling. 65 days. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 45c, lb. \$1.35, postpaid.

Rollinson's Telegraph—For forcing. Long green Cucumbers of excellent flavor, very tender and solid. We have grown this variety under glass to a length of 20 to 25 inches. Pkt. 10 seeds 25c.

EGG PLANT

($\frac{1}{8}$ oz. to 100 feet of row. $\frac{1}{4}$ lb. to acres.)

One oz. will produce 1000 to 1500 plants.

Improved New York—This selection is vastly superior to the old type. The habit of the plant is low and branching, and is quite free from spines. 140 days. Pkt. 5c, $\frac{1}{2}$ oz. 35c, oz. 65c, $\frac{1}{4}$ lb. \$2.00, postpaid.



Egg Plant—Improved New York

ENDIVE

1 oz. to 100 feet of row. Four lbs. to acre.

Ger.—Endivien.

Scand.—Endive.

White Curled—Leaves pale green; should be used when young. 35 days. Pkt. 5c, oz. 25c, $\frac{1}{4}$ lb. 45c, lb. \$1.25, postpaid.

Green Curled—For fall and largely used for winter use; also garnishing; crisp and curly; easily blanched. 40 days. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 45c, lb. \$1.25, postpaid.



Endive—Green Curled

Broad Leaved Batavian or Escarole—A very wide leaved variety. leaves with straight edges, thick and fleshy of a dull green color. Quality excellent. 45 days. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 45c, lb. \$1.25, postpaid.

Ground Cherry—See Tomato—page 97.

GARLIC

Ger.—Knoblauch.

Scand.—Hoidloeg.

(1 lb. to 50 feet of drill. 200 lbs. to acre.)

GARLIC—The Garlic is the most pungent of all the onion family. The root or bulb is composed of many small bulbs called "cloves", which are planted in the spring six to eight inches apart, and in August the tops will die when the bulbs are ready to gather; they do best in light rich soil.

Lb. 30c, 5 lbs. \$1.25, postpaid; by express not prepaid lb. 20c, 10 lbs. \$1.75.



Garlic

HERBS

HERBS—(Sweet, Pot and Medicinal)—The seeds should be sown in spring, in shallow drills, 12 inches apart, and the young plants thinned out or transplanted to about 4 inches. They should be harvested on a dry day, just before the blossoms develop, dried quickly and bottled, or closely packed in dry boxes, with the air entirely excluded. Those prefixed by an * are Perennials.

	Pkt.	Oz.		Pkt.	Oz.
Anise .....	.05	.35	*Lavender .....	.05	.85
*Balm .....	.05	.50	*Rue .....	.05	.50
Basil .....	.05	.50	Rosemary .....	.05	.75
Borage .....	.05	.35	*Sage .....	.05	.50
Caraway .....	.05	.20	Sorrell .....	.05	.50
Coriander .....	.05	.50	Sweet Marjoram .....	.05	.60
*Catnip .....	.05	1.10	*Summer Savoy .....	.05	.35
Dill .....	.05	.15	*Thyme .....	.05	1.00
*Fennel .....	.05	.40	*Wormwood .....	.05	.30
*Horehound .....	.05	.60			



Kale—Dwarf Curled Scotch

¼ oz. to 100 feet of row. 2 lbs. to the acre

KALE or BORECOLE

Ger.—Blattenkohl.

Scand.—Groenkaal.

(One ounce will produce about 5,000 plants.)

Dwarf Curled Scotch—Kale makes excellent greens for fall and are improved when slightly frosted. Cultivate same as Cabbage. Beautifully curled, very hardy. 55 days.

Pkt. 5c, oz. 20c, ¼ lb. 50c, lb. \$1.50, postpaid.

Tall Green Curled Scotch—Always a favorite. 60 days.

Pkt. 5c, oz. 20c, ¼ lb. 50c, lb. \$1.50, postpaid.



Kohl Rabi
White Vienna

KOHL RABI

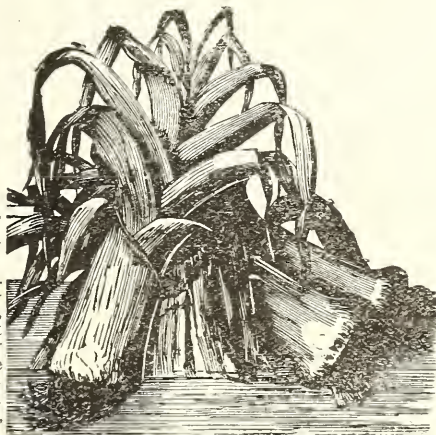
¼ oz. to 100 feet of row, 4 lbs. to acre.

Ger. Kohl Rabi.

Scand.—Kaalrabi.

White Vienna—Turnip rooted; small, white, very tender and delicious when young. 50 days. Pkt. 5c, oz. 25c, ¼ lb. 85c, lb. \$3.00, postpaid.

Purple Vienna—An early variety with a bright purple bulb. The leaves and stems being green and tinged with purple. 70 days. Pkt. 5c, oz. 25c, ¼ lb. 85c, lb. \$3.00, postpaid.



Leek—American Flag

LEEK

Ger.—Lauch.

Scand.—Purre.

½ oz. to 100 feet of drill
4 lbs. to acre.

American Flag—A strong growing variety, producing large, thick stems of sweet flavor when properly blanched. Leeks are hardy and flavor is improved by frost. 80 days. Pkt. 5c, oz. 25c, ¼ lb. 75c, lb. \$2.50, postpaid.

LETTUCE

Ger.—Gartensalat.

Scand.—Salat.

There are two distinct classes of lettuce. One forms heads like cabbage, while the other merely produces loose leaves. Where lettuce is grown in the open ground and allowed to remain thick in the row, as is too often the case, the loose-leaved varieties are the best. Leaf lettuce may be grown satisfactorily in almost any soil, and since it may be eaten with relish long before it has matured, it usually supplies the first salad of the year from the garden. Head lettuce is more difficult, but success is sure if it be started indoors, so that plants may be set out at the time leaf lettuce is sown in the open ground; always provided that the head lettuce have a rich quick soil; that is, one which is light and warm, and very heavily manured. Water is also essential to the rapid and uninterrupted growth which produces good heads. To get fine heads in the open ground it is a good plan to sow the seed in a hotbed or box in the house 3 or 4 weeks before the ground outside is ready. Transplant the seedlings to another box or frame 3 inches apart and set the plants in the open ground early in the spring in rows 18 inches apart, and from 6 to 8 inches apart in the rows. When the heads start to develop work up the soil around them so as to induce close, compact growth. In sowing lettuce seed care should be taken not to cover it over ¼ inch deep. If covered much deeper it will often fail to come up.



Lettuce—May King

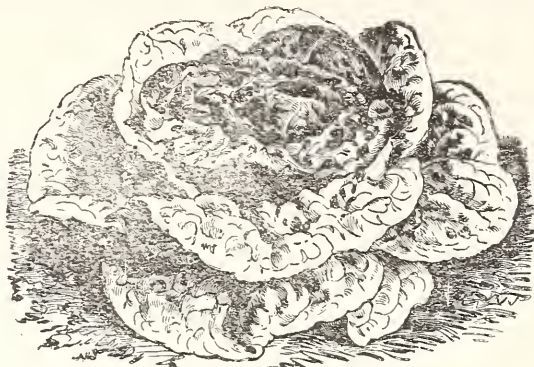
HEADING VARIETIES

May King—A few years ago it was hardly known in America, now it is found in the gardens of nearly every up-to-date grower. It simply forced its way to the front on its sterling merits. It grows very quickly even in the cold weather of early spring. The habit is very compact and close; in fact the plant is about all head. Outer leaves light green, inner leaves bright yellow and of a fine, rich, buttery flavor. Heads weigh from 12 to 16 oz., and are so solid that they carry to market in perfect condition. 50 days. Pkt. 5c, oz. 15c, ¼ lb. 45c, lb. \$1.50, postpaid.

Iceberg—It is a very crisp variety, loose cabbage in heading, late and very slow to shoot to seed. The head is extremely hard and well blanching, the leaves very completely and tightly overlapping each other. The color is light green, excepting for the faint brown tinge along the extreme border. The quality is good, crisp and firm, very sweet. 75 days. Pkt. 5c, oz. 25c, ¼ lb. 85c, lb. \$2.50, postpaid.

Improved Hanson—A well known, highly approved lettuce. Globe shaped, large, well formed, firm head of broad leaves so compact that the inner ones are blanched almost white. The outside leaves are glossy green and handsome, the inside ones are very tender and deliciously sweet, and all are beautifully crinkled and curled. For mid-summer planting outdoors, this sort is exceedingly popular, for it has superior qualities for resisting drought and heat. 50 days. Pkt. 5c, oz. 20c, ¼ lb. 45c, lb. \$1.50, postpaid.

New York Head—Also Called "Los Angeles" and "Wonderful"—A popular variety for summer planting. The best heat resister. The immense heads are solid, frequently weight 2 and 3 lbs. each. Beautifully blanched to a creamy white with bright green outer leaves, quality unsurpassed, being tender, crisp and sweet. "New York" is a hardy, rapid grower, deep rooted and resistant to drought; a slow seeder and sure to head. Matures in 65 days. Does remarkably well in all sections. Pkt. 5c, oz. 30c, ¼ lb. 85c, lb. \$3.00, postpaid.



Lettuce—Big Boston.

Big Boston—The well known and popular hothouse variety of New England. Needs to be quickly grown to be of good flavor. Light green cabbage variety, slightly tinged with brown on the head. Forms a compact buttery head. 50 days. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 40c, lb. \$1.35, postpaid.

California Cream Butter or Royal Cabbage—A very popular variety for autumn and winter use. Forms a very large head, which is very buttery, and of rich golden-yellow inside. The leaves are thick and of bright green, slightly tinged with brown on top of head, and the outer leaves are slightly spotted with inconspicuous brown spots. Easy to grow and a good shipping variety. 50 days. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 40c, lb. \$1.35, postpaid.



Lettuce—Boston Market or Tennisball, W. S.

Boston Market or Tennisball, W. S.—Smooth-leaved heading variety for late summer use or will stand forcing very well. Its solid, compact habit and good flavor are much sought for. Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 35c, lb. \$1.25, postpaid.

Salamander or Black Seeded Tennisball—The most popular variety for withstanding the hot weather, and forming a close sure head; very solid, of medium size and excellent quality. 55 days. Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 35c, lb. \$1.25, postpaid.

LOOSE LEAVED VARIETIES



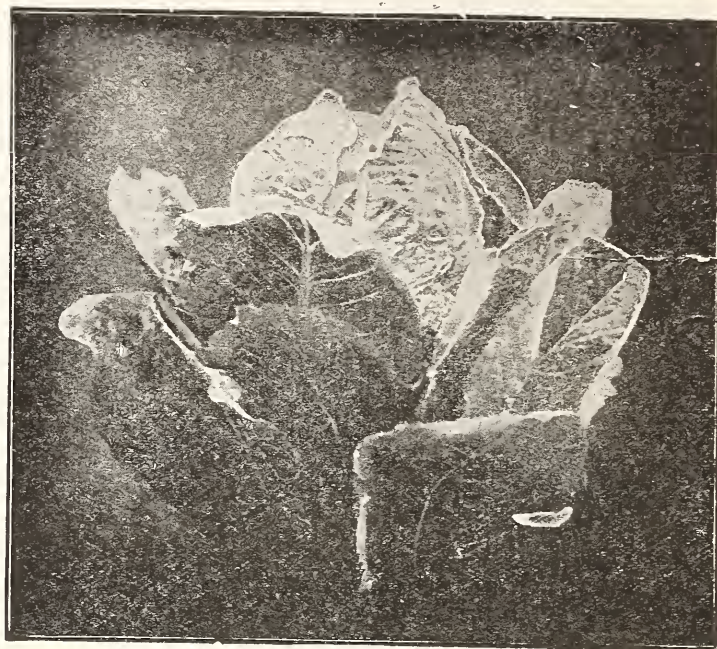
Lettuce—Grand Rapids

Grand Rapids—A popular variety for greenhouse planting and will make a quick growth under adverse conditions. Its upright habit permits close planting. 40 days. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 60c, lb. \$1.75, postpaid.

Early Curled Simpson or Silesia—(White Seeded)—A very extensively used early loose leaved variety. The leaves are light green in color, slightly frilled, crisp, sweet and tender. This sort is especially adapted for sowing thickly and cutting when the plants are young. Does not wilt easily. 40 days. Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 35c, lb. \$1.25, postpaid.

Early Prize Head—This lettuce forms a large, tender, crisp, loose head of bright green crimped leaves tinged with brownish red, of superior flavor, long remaining sweet and slow to run to seed. 50 days. Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 35c, lb. \$1.25, postpaid.

Black Seeded Simpson—A splendid variety either for forcing or outdoor cultivation. Large loose heads of light green color, very crisp and tender. 50 days. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 40c, lb. \$1.35, postpaid.



Lettuce—Paris White Cos

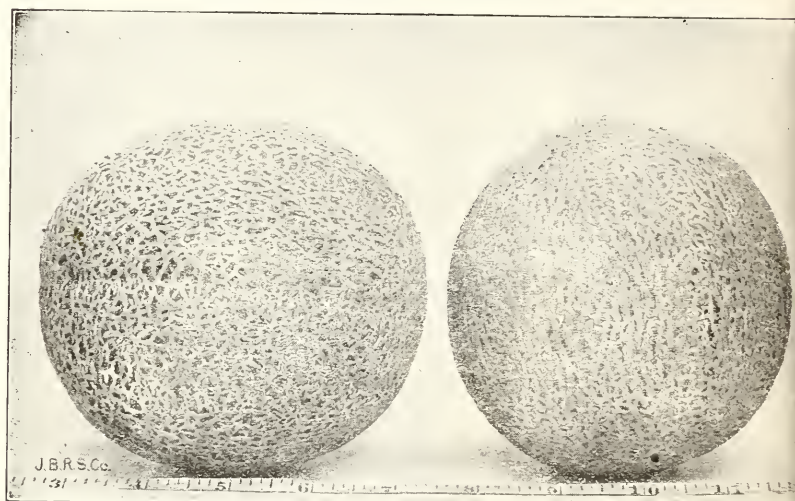
Paris White Cos—Distinct variety of upright growth; leaves should be tied together near top when they soon become crisp and delicious as celery stalks, and eaten in the same manner. 65 days. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 50c, lb. \$1.50, postpaid.

MUSKMELONS

One ounce will plant about 50 hills, 2 to 3 lbs. in hills per acre.

Culture—A rich, deep sandy loam, well worked and highly manured with old rotten compost is of the first importance. Plant when all danger of frost is over, in hills 5 to 6 feet apart each way; scatter a dozen seeds to a hill, and after they are out of danger from bugs thin to 3 or 4 plants. When they have 4 or 5 rough leaves pinch off the end of the main shoot, which will cause the lateral branches to put forth fruit sooner.

GREEN FLESHED VARIETIES

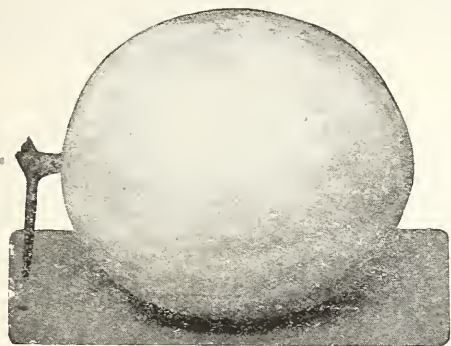


Muskmelon—Rocky Ford or Netted Gem

Rocky Ford or Netted Gem—Is a valuable introduction, and has attained in an incredibly short time a national reputation. It is of the Emerald Gem type, oval in shape, averaging from four and one-half to five inches in length, of a delicious flavor; very fine and smooth grained flesh of a light green color throughout when ripe. 80 days. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 50c, lb. \$1.50, postpaid.

MUSKMELONS—Green Varieties—Continued.

Extra Early Hackensack—Fruit attains a good size, weighing four to six pounds each. The Melons are round, heavily ribbed; skin is light green, of delicious flavor, rich and sugary. It is also a luxuriant, healthy grower, and exceedingly productive. The earliest of all large netted Melons. 70 days. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 50c, lb. \$1.50, postpaid.

**Honey Dew**

Honey Dew—The sweetest melon of all. Average size 6 inches in diameter and 7 to 8 inches long. Weight 5 to 6 lbs. The skin is smooth and the rind though thin is very tough, of a creamy yellow color when ripe. The flesh is very thick, of a bright emerald green, very fine grained, of very sweet sugary flavor, and can be eaten to the rind. Seed cavity very small. 125 days. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 60c, lb. \$2.00, postpaid.

Jenny Lind—Is one of the earliest green fleshed sorts and one of the sweetest. It is round or flattened. In size it is small, being from three to five inches in diameter, is used in enormous quantities in the eastern cities and at the sea-shore resorts. 70 days. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 50c, lb. \$1.75, postpaid.

Extra Early Citron or Early Nutmeg—A small round or slightly flattened melon, valuable as an early market sort on account of its extreme earliness, hardness and great productiveness. The skin is green, becoming yellowish at maturity. The flesh is light green, very thick and of delicious flavor. 65 days. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 45c, lb. \$1.25, postpaid.

SALMON TINTED VARIETIES**Edwards' Perfecto**

Edwards' Perfecto—A new variety developed from Eden Gem and the best of the Rocky Ford Class. Fruit very uniform in size, nearly round and densely covered with a hard gray netting; flesh very thick and of a beautiful salmon color, shading into green as it nears the rind. Perfecto has the deepest flesh, smallest seed cells and more salmon-colored flesh than any other type of Rocky Ford shipping melon. Recommended for its hardness, prolificness, deep flesh and excellent eating and shipping qualities. Pkt. 10c, oz. 20c, $\frac{1}{4}$ lb. 50c, lb. \$2.00, postpaid.

Gold Lined Rockford—This new variety is one of the largest of the Rockford type, and the seed we offer is extra choice, selected from seed originally direct from the originator. It is very prolific, of uniform size, very thick flesh, of a rich golden yellow next to the seed cavity, fruit very thickly netted. Very fine in every respect. 70 days. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 50c, lb. \$2.00, postpaid.

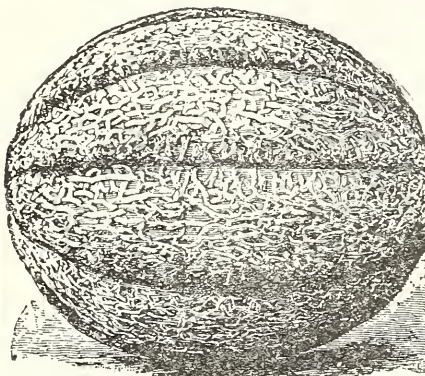
**WE HANDLE PLANET JR. SEEDERS AND CULTIVATORS,
ALSO BARKER WEEDER, MULCHER AND CULTIVATOR
SEE LAST PAGES.**

ORANGE OR YELLOW FLESHED VARIETIES

Emerald Gem—This has long been acknowledged the most delicious in flavor. It is one of the earliest to ripen, and while too soft to stand shipping any great distance to market, it is unequalled for home use or nearby markets. Very prolific. If fruits are gathered as soon as they ripen, the vines will continue in bearing throughout the season. The melons are slightly flattened at the stem and blossom ends. The skin is smooth and free from netting. The fruits are heavily ribbed. Flesh very thick, small seed cavity. 85 days. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 45c, lb. \$1.25, postpaid.

SALMON FLESHED VARIETIES**Burrell's Gem.**

Burrell's Gem—A medium sized oval deeply netted having salmon or red flesh. It is larger than Rocky Ford and of an entirely distinct flavor. There is a growing demand for the fine grained smooth, salmon-red fleshed Muskmelons and Burrell's Gem seems to be one of the best in cultivation. 80 days. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 50c, lb. \$1.50, postpaid.

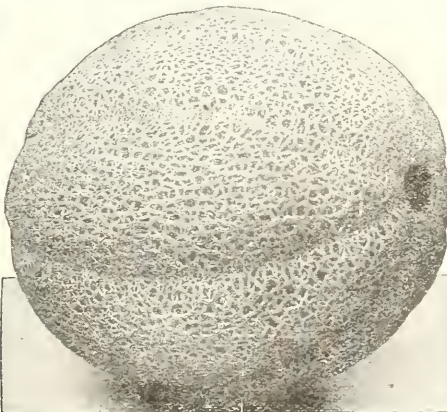
**Barling's Montana**

StimUplant
Makes a
Wonder Garden

Barling's Montana—Ideal in size for family use, oval shape, flesh salmon-pink, thick fleshed, with small seed cavity; originated in Montana and matures with the earliest. Pkt. 10c, oz. 25c, $\frac{1}{4}$ lb. 75c, lb. \$2.50, postpaid.

**Netted King**

Netted King—This melon is the prince of them all. Absolutely the sweetest and most luscious fleshed cantaloupe grown. Is of the salmon flesh variety. The flesh is thick and seed cavity very small covered all over by a fine grey netting. It has the most exquisite texture, sugary, juicy, crisp, tender and has a delightfully aromatic flavor. This melon is the extracted honey from the honeycomb. The sweetest of them all. Pkt. 5c, oz. 25c, $\frac{1}{4}$ lb. 85c, lb. \$3.00, postpaid.

**Osage or Miller's Cream**

Osage or Miller's Cream—A favorite salmon-flesh variety. Large, oval, slightly ribbed and netted; skin is very dark green. Flesh is very thick and sweet flavored, most delicious to the rind. The fruit is extra heavy, owing to the thickness of the flesh. A great favorite for both market purposes and the home garden. 80 days. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 50c, lb. \$2.00, postpaid.

Of all Vegetable Fruits, the melons are the most delicious.
Be sure to plant some melons in your garden.

WATERMELONS

Ger.—Wassermelone.

Scand.—Vandmelon.

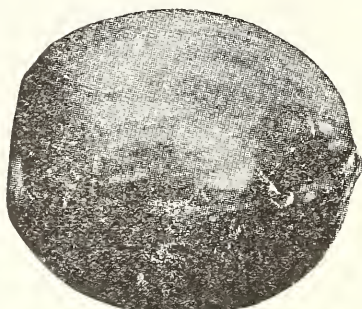
One oz. for 30 hills 4 to 5 lbs. to an acre.

The hills should be dug about 2 feet square 18 inches deep, and half filled with well-rotted manure which must be thoroughly incorporated with the soil. Plant in May, 10 seeds to a hill, and when the plants are well up, thin out to three, and pinch the ends of the growing shoots to induce early fruiting. While the watermelon is, generally speaking, a southern product, yet the cultivation of same is not confined to the south. Some of the sweetest and best melons we have seen were produced in the latitude of 45 degrees north; consequently, while the watermelon is a tropical fruit, yet our northern friends can grow them successfully.



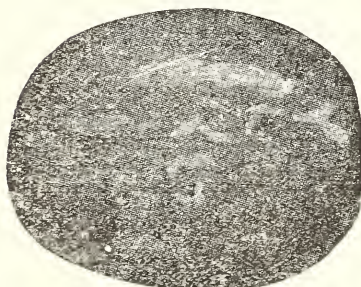
Cole's Early

Fordhook Early—This is still without a rival as the earliest large-fruited melon in cultivation. Fruits are of good size, rather short and blocky in form. Skin dark green, occasionally with faint stripes of lighter green. Rind quite thin, but skin tough, making an excellent shipping variety. Flesh bright red, crisp, sweet, and of splendid quality; really one of the finest flavored melons in cultivation today. White seed 85 days. Pkt. 5c, oz. 20c, ¼ lb. 45c, lb. \$1.25, postpaid.



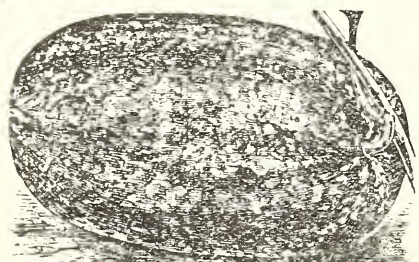
Fordhook Early

StimUplant

 Makes a
Wonder Garden


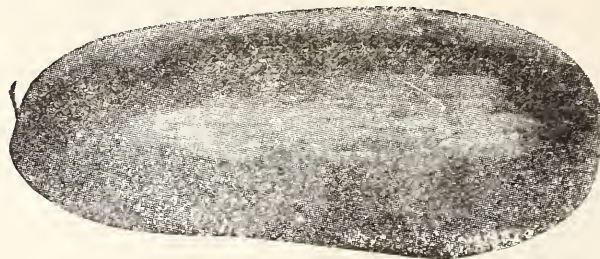
Harris Earliest

Harris Earliest—Owing to its extreme earliness, and adaptability, it is extensively grown in the Northern states where it is the undisputed favorite. We have known this melon to mature in latitudes as far north as Canada, and in places where watermelons never grew before. The Harris is the earliest watermelon on the market; the sweetest early melon, the largest early melon and the best early melon for the home garden. These are sweeping statements, but they are true. Moreover, the Harris will out-yield any other early melon. 70 days. Pkt. 5c, o. 20c, ¼ lb. 50c, lb. \$1.50, postpaid.



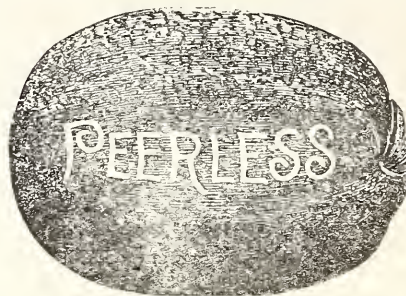
PHINNEY'S EARLY WATERMELON

Phinney's Early—One of the finest of all the early maturing melons of medium size and oblong shape, marked with two shades of green. The rind is thin. The red flesh is very sweet and tender. The vine is productive and a sure cropper. Adapted to all sections, and does exceptionally well in the Northern States 80 days. Pkt. 5c, oz. 15c, ¼ lb. 35c, lb. \$1.00 postpaid.



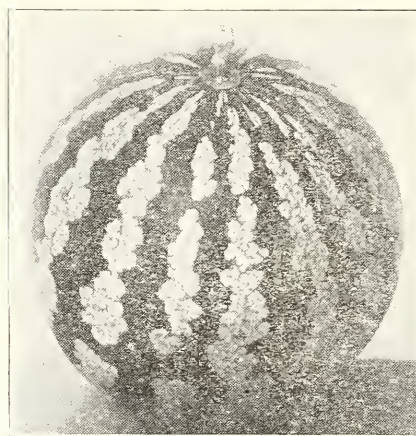
Kleckley Sweet or Monte Cristo

Kleckley Sweet or Monte Cristo—This is a very popular watermelon; no doubt it is more universally grown than any other sort. Dark green skin, thin rind; flesh bright scarlet, solid, very sweet and crisp; not a good shipper for long distance. The fruits are oblong and uniform in size. Average weight 25 lbs. 100 days. Pkt. 5c, oz. 20c, ¼ lb. 45c, lb. \$1.25, postpaid.



Ice Cream or Peerless—

This melon has become a favorite with a great many; flesh beautiful crimson and excellent quality, dark mottled green rind. Round. Average size 20 pounds. 100 days. Pkt. 5c, oz. 15c, ¼ lb. 35c, lb. \$1.00, postpaid.



Citron

CITRON For Preserves

CITRON—Red Seeded—

Fruit round and smooth. Is not eaten raw, but is useful for making a very clear, transparent preserve of peculiarly fine flavor. Flesh, white and solid. 100 days. Pkt. 5c, oz. 20c, ¼ lb. 35c, lb. \$1.25, postpaid.

CITRON—Green Seeded

—Same as above with green seeds. 100 days. Pkt. 5c, oz. 20c, ¼ lb. 45c, lb. \$1.25, postpaid.

StimUplant

 Makes a
Wonder Garden

MUSTARD

¼ oz. to 100 feet of row. Two to three lbs. to the acre.

White—The green leaves are used as a salad when a few inches high. If sown in a warm place or in a hotbed will be ready to cut in a few days; sow frequently for a succession of crops. Pkt. 5c, oz. 15c, ¼ lb. 30c, lb. 95c, postpaid.

Giant Southern Curled—Large variety, forming great mass of beautiful leaves, ruffled and finely curled on edges; used for salads. Hardy, vigorous, and highly recommended. 35 days. Pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 80c, postpaid.

MUSHROOMS



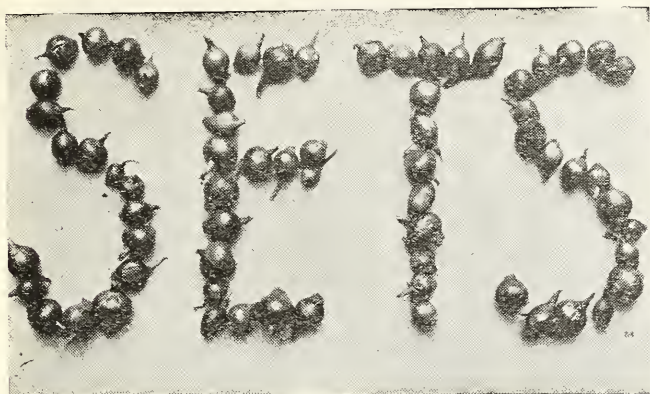
Practically no capital is required in the mushroom business, and the profits are most satisfactory. All that is required to grow mushrooms is almost any building or cellar, some manure, loam, and last and above all good spawn. Our Pure Culture Mushroom Spawn is full of vigor, the kind used by the best commercial growers of the United States.

Leaflet—"How to Grow Mushrooms," free for asking.

LAMBERT'S Mushroom Spawn—Per brick 35c, 5 bricks \$1.60, postpaid. By express or freight per brick 30c, 10 bricks \$2.50, 25 bricks \$5.50.

Farmogerm stays good for years. Buy it with your seed and have it ready to use... See Plants Foods, Etc.

ONION



One lb. 75 feet of drill, 300 lbs. to the acre.

The Importance of Using Northern Grown Onion Sets

The planting of Onion Sets is increasing rapidly year after year. The Bottom Onion Sets produce onions ready for market six weeks earlier than can be had by sowing the seed. This enables the grower to sell his entire crop earlier in the season, at which time the prices usually are higher. It also permits the sowing of another crop on the land the same year. Bottom Sets are about as big as the end of your finger and when set out in spring they come quick and make nice green onions for bunching, or if left stand will make big onions as from seed but much earlier. We can furnish them in the yellow, red or white. Yellow are generally the best. Multiplier sets are also good.

Sizes of Onion Sets

It is very important that you get onion sets of the right size. If just a little too large they will run to seed right away instead of making a good onion. The rule is to sell every set below 1½ inches in diameter, but in that case there is sure to be some too large that will go to seed. Therefore we use none above ¾ inch.

ONION SETS: Postpaid Prices Only			
	Lb.	5 lbs.	10 lbs.
White Bottom	.30	1.40	2.70
Red Bottom	.30	1.35	2.60
Yellow Bottom	.25	1.25	2.50
Yellow Multiplier	.30	1.35	2.60

ONION SETS: By Express or freight only			
	Lb.	5 lbs.	10 lbs.
White Bottom	.25	1.30	2.50
Red Bottom	.25	1.20	2.25
Yellow Bottom	.20	1.00	2.00
Yellow Multiplier	.25	1.20	2.25

NOTICE—Above prices on Onion Sets apply when wanted by express or freight only, at purchaser's expense.

StimUplant

Makes a
Wonder Garden

Ger.—Zwiebel.

ONION SEED

Scand.—Roedloec

StimUplant

Makes a
Wonder Garden

(One ounce for 200 feet of drill; 4 to 5 pounds in drills per acre.)

The best onions are grown on low, sandy, or mucky lands, with natural moisture and plenty of it.

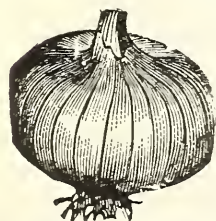
Sow the seed in March in hotbeds or in shallow boxes in the house, transplanting to the open ground in May or as soon as the ground is warm and in good condition. Follow this method for an early and successful crop.

The crop must be kept free from weeds, and it is usually necessary to weed out in the row by hand once or twice. Hoeing between the rows may be done oftener. It is not necessary to thin the plants in the row, since some thinning is naturally done during the hand weeding.

Steady, even growth is necessary to good onions and a check in growth, whether from disease or drought causes them to run to seed badly.

Different markets and localities prefer different onions. Globe onions are generally most popular and yield better than the other sorts. Flat onions are earliest and the large sized kinds have the best flavor. All seed is tested as to vitality.

WHITE VARIETIES

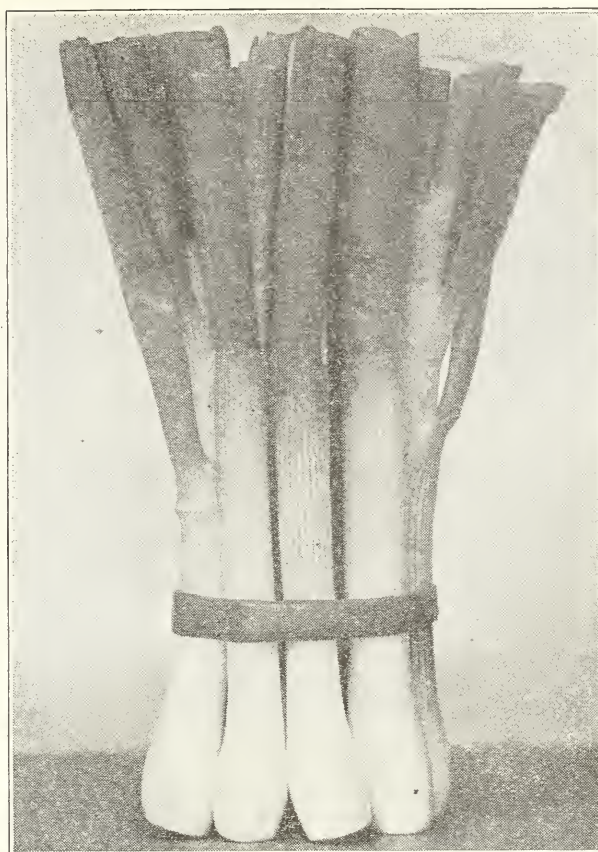


Onion—Silver King.

White Pickling—For early bunching, pickling, etc. Small, hard, round; keeps well; does not turn green when exposed to sun. Pkt. 5c, ½ oz. 20c, oz. 35c, ¼ lb. \$1.00, lb. \$3.25, postpaid.

Mammoth Silver King—An early large white, flat variety. Is not a keeping sort nor a good shipping variety, but is valuable for home use and nearby markets. Very mild and fine flavor. 125 days. Pkt. 5c, ½ oz. 20c, oz. 35c, ¼ lb. \$1.00, lb. \$3.50, postpaid.

If unable to find what you want refer to the index.



Grown from Egyptian Winter Sets

Egyptian Winter—or Perennial—These sets are usually planted in the fall, being hardy everywhere. They never form large bulbs but produce small green onions weeks before any other sort. They are unsurpassed in sweetness and tenderness. The sets are produced on the top of the stalks. Will be equally satisfactory from spring planting. Can supply in spring and fall.

Postpaid prices only, lb. 30c, 5 lbs. \$1.35, 10 lbs. \$2.60. By express or freight only, at purchaser's expense. Lb. 25c, 5 lbs. \$1.25.



White Portugal or Silver Skin

does not form a bulb, but very early in the Spring, before seeds or sets are planted, it produces a fine bunch onion or scallion. Being very hardy, requires no winter mulching. Seed may be sown in the early Spring, but not later than the latter part of June. Pkt. 5c, ½ oz. 20c, oz. 35c, ¼ lb. \$1.00 lb. \$3.50, postpaid.

Southport White Globe—A very desirable variety which yields an abundant crop of fine large onions. Pure white color, mild flavor and equally good for keeping as the Yellow Globe. It is an enormous yielder and always sells at high prices. It is best to dry these onions in a shady place and give plenty of air. 120 days. Pkt. 5c, ½ oz. 20c, oz. 35c, ¼ lb. \$1.00, lb. \$3.50, postpaid.

Early White Barletta or White Queen—An exceedingly early variety growing about 1½ inches in diameter, and ¾ of an inch thick. A most excellent sort for bunching and pickling. 75 days. Pkt. 5c, ½ oz. 20c, oz. 35c, ¼ lb. \$1.00, lb. \$3.50, postpaid.

White Portugal or Silver Skin—The best known and most largely used white onion. Is flat on the bottom and thick toward the top, very hard and firm and an excellent keeper. 110 days. Pkt. 5c, ½ oz. 20c, oz. 35c, ¼ lb. \$1.00, lb. \$3.50, postpaid.

White Welsh The Hardy Salad or Bunching Onion

Pearly white in appearance and mild in flavor. It

ONIONS—(Continued.)**Onion—Yellow Danvers Flat****RED VARIETIES**

Large Red Wethersfield—Persistent selections of bulbs planted for seed have give us a small-necked, sure-ripening strain entirely free from scallions. Though well flattened, the solid onions are thick through. The outer skin is a deep, rich, purplish-red, smooth and glossy; flesh white, lightly tinged with pinkish rose. The magnificent, large, solid onions are nearly as mild in flavor as many varieties with skin of lighter coloring. Its splendid keeping qualities make it easy to hold crops for late winter markets in the Northwest. 120 days. Pkt. 5c, ½ oz. 15c, oz. 25c, ¼ lb. 65c, lb. \$2.00, postpaid.

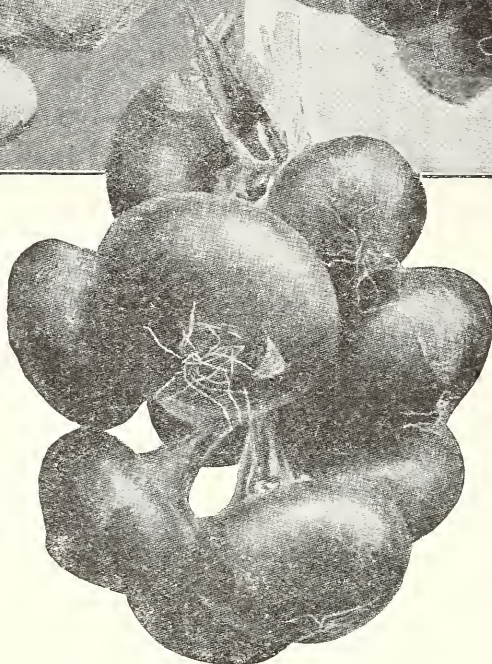
Southport Red Globe—Large globe-shaped, purplish-red variety, and an excellent keeper. 125 days. Pkt. 5c, ½ oz. 15c, oz. 25c, ¼ lb. 60c, lb. \$2.00, postpaid.

Extra Early Red Flat—Well flattened but quite deep, extra early red onion, which yields abundantly, keeps well and is of mild flavor. The bulbs are of medium size and rich red in color, very close grained, solid and heavy. This variety will form bulbs in cold, mucky soils where others frequently fail to ripen. Plant this where the seasons are short and cool. Marketable onions in 100 days. Pkt. 5c, ½ oz. 15c, oz. 25c, ¼ lb. 65c, lb. \$2.00, postpaid.

BROWN SKINNED

Australian Brown—An early and very hardy variety which does especially well in Montana. Should be planted early, on low, wet ground to get large bulbs. The skin is thick and the color is a rich brown. Is especially noted as a long keeper, as it keeps well into the spring, and much longer than other varieties. 110 days. Pkt. 5c, ½ oz. 15c, oz. 25c, ¼ lb. 60c, lb. \$2.00, postpaid.

We guarantee safe delivery of your seed order by Parcel Post if insured. See seed order blank—and add insurance fee, 5 c will insure package to value of \$25.00.

**Onion—Large Red Wethersfield****Onion—Australian Brown Globe****Onion—Yellow Globe Danvers****YELLOW VARIETIES**

Yellow Globe Varieties—This onion is the standard winter sort in many markets. The shape is almost globe form and the bulbs are quite large, with thin necks, ripening down well. The skin is a fine brown orange yellow, while the flesh is pure white, solid and of good quality. Its keeping qualities are of the best. This strain is so nearly globe shaped that it passes for a globe, and its earliness makes it valuable for market. 120 days. Pkt. 5c, ½ oz. 15c, oz. 25c, ¼ lb. 85c, lb. \$2.50, postpaid.

Yellow Danvers Flat—An early productive variety. The onions are of medium size, skin coppery yellow, flesh solid, white and mild flavored. Our strain is remarkable for its freeness from thick necks and is especially adapted to the growing of Yellow Bottom Onion Sets. A very fine sort for most locations. 100 days. Pkt. 5c, ½ oz. 15c, oz. 25c, ¼ lb. 65c, lb. \$2.00, postpaid.

Prizetaker or Mammoth Yellow Spanish—Largest Yellow Globe Onion. Excellent keeper of finest flavor. Handsome shape and enormous size, many single onions have been raised to weigh five pounds and over from seeds the last year. It is of the same type as those immense imported onions which can be seen in stores and always command a very high price. 130 days. Pkt. 5c, ½ oz. 15c, oz. 25c, ¼ lb. 85c, lb. \$2.50, postpaid.

Ailsa Craig—The largest onion grown. It is a good keeper and is much liked and recommended on account of its acceptable delicate and pungent flavor. The skin is an attractive straw color. To secure the largest onions seed should be sown in hotbeds in the early spring and transplanted later to the open ground. 135 days. Pkt. 5c, ½ oz. 25c, oz. 40c, ¼ lb. \$1.35, lb. \$4.00, postpaid.

OKRA or GUMBO

One oz. to 100 feet of drill. 8 lbs. to the acre.

The long tender pods of Okra are very delicious when sliced and cooked in soups. While this is the chief use, it is also boiled and served like other vegetables. The dwarf sorts may be planted in hills or in rows about three feet apart. Plant in any good soil about May 15. The pods should be gathered when very young, as they are then very tender.

Dwarf Green—An early dwarf prolific variety with thick, green pods. 65 days. Pkt. 5c, oz. 20c, ¼ lb. 40c, lb. \$1.25, postpaid.

White Velvet—Very tender pods, long, smooth and white. 60 days. Pkt. 5c, oz. 20c, ¼ lb. 40c, lb. \$1.25, postpaid.

PARSLEY

Ger.—Petersilie.

Scand.—Persilie.

(One oz. for 150 feet of drill.)



Parsley—Moss Curled

Parsley succeeds best in rich mellow soil. As the seed germinates very slowly, it should be sown quite early in the spring, previously soaking the seed for a few hours in tepid water. Sow thickly in rows a foot apart and half an inch deep. For winter use, protect in a frame or light cellar or a few plants may be placed in pots or boxes and kept in the house.

Moss Curled—There is no more attractive variety than

this when well grown; it is hardy and slow to run to seed; every gardener's favorite 65 days. Pkt. 5c, oz. 20c, ¼ lb. 45c, lb. \$1.25, postpaid.

Extra Double Curled—In shape of leaf, color and taste this new variety is perfect. It stands heat, drought and cold better and will yield better than any other of the numerous varieties of Parsley we have ever had. 60 days. Pkt. 5c, oz. 20c, ¼ lb. 45c, lb. \$1.25, postpaid.

Hamburg or Turnip Rooted—Turnip rooted variety. The roots as well as the leaves are used for flavoring soups, etc. The roots are stored like Carrots for winter use. 100 days. Pkt. 5c, oz. 20c, ¼ lb. 50c, lb. \$1.50, postpaid.

INOCULATE THIS
SEED WITH
FARMOGERM

Ger.—Erbesen.

PEAS

Scand.—Dan-Nor.

INOCULATE THIS
SEED WITH
FARMOGERM

(1 lb. to 100 feet of drill: 80 to 100 lbs. to the acre.)

1 lb. is a little more than 1 pint. 2 lbs. is a little more than 1 quart.

Peas are quite hardy, and for early crop sow as soon as the ground can be worked. Then sow in succession every two weeks until the first of August. They require moderately rich soil but not excessively rich or wet, or they will run too much to vine and will not bear heavily. The dwarf varieties can be planted in rows 12 to 18 inches apart, and the tall varieties 3 ft. apart. The tall varieties should be staked up by brush or tied up. By using the various classes of peas and making several sowings of each, good peas can be had for a long season. The pods should be kept picked, the plants will then continue to bear longer. For late sowing, use Early Dwarf varieties.

EXTRA EARLY ROUND SEEDED VARIETIES

Alaska or Earliest of All—The earliest pea on the market. The seed is smooth and of bluish color. On this account it is very popular with canners and market gardeners. Very uniform in ripening and an excellent yielder. Height 24 to 30 inches. 45 days. Pkt. 5c, ½ lb. 20c, lb. 35c, 2 lbs. 60c, postpaid.

EXTRA EARLY DWARF WRINKLED VARIETIES

American Wonder—In the dwarf compact growing extra earlies the American Wonder leads all others, can be grown in rows 18 inches to two feet apart. They are quite prolific; the crop can be gathered in 2 or 3 pickings and the soil cleared for succeeding crops. 9 to 12 inches high. 55 days. Pkt. 5c, ½ lb. 20c, lb. 35c, 2 lbs. 60c, postpaid.

Enjoy peas of first quality all summer by planting main crop varieties to succeed the early ones.



ALASKA PEAS



AMERICAN WONDER PEAS

PARSNIPS

Ger.—Fastinake.

Scand.—Pastinak.

(One ounce for 200 feet of drill, 5 to 6 lbs. in drills per acre.)

Sow as early in the spring as the weather will admit, in drills 15 inches apart, covering half an inch deep. It is usual to take up in the fall a certain quantity for winter use leaving the rest in the ground till spring, to be dug up as required.



Hollow Crown or Guernsey—An excellent variety for the table. The roots are long with smooth white skin, uniform in shape tender and of the best quality. The variety is easily distinguished by the leaves growing from the depression on top of crown or root. 85 days. Pkt. 5c, oz. 15c, ¼ lb. 35c, lb. \$1.00, postpaid.

Long White or White Dutch Sugar—This variety of parsnip is very hardy and will keep well through the winter without protection. The roots are long, white, smooth, tender and of most excellent flavor. Much used for the table and suitable also for stock feeding. 100 days. Pkt. 5c, oz. 15c, ¼ lb. 35c, lb. \$1.00, postpaid.

Inoculate this
Seed with
FARMOGERM.

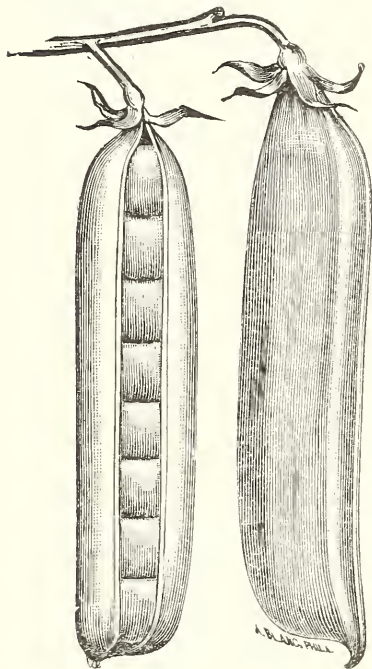
PEAS

PEAS—EXTRA EARLY WRINKLED—(Continued.)



Peas—Little Marvel

Little Marvel—A first-early Pea of the finest quality, better than American Wonder or Nott's Excelsior. The vines of dwarf even growth, average 18 inches high, and are heavily set with fine pods, usually in pairs. The pods average 3½ inches in length, are square at the bottom, and are well filled with quite large, deep green Peas. The Peas are ready for picking fully as early as American Wonder, but the pods are larger and the vines bear a much heavier crop. All who desire a fine crop of an early, choice variety of Peas will be delighted with Little Marvel. 55 days. Pkt. 5c, ½ lb. 20c, 1b. 35c, 2 lbs. 60c, postpaid.



Nott's Excelsior

Little Gem—Height 16 to 18 inches. The vines are of dwarf growth and produce an abundance of round, well filled pods 2½ to 3 inches long, only three days after the American Wonder. The Peas are green, wrinkled, of sweet, delicious flavor and excellent quality. One of the best for family use. It remains fit for use longer than the American Wonder and Nott's Excelsior, and is thought by many to be sweeter. 55 days. Pkt. 5c, ½ lb. 20c, 1b. 35c, 2 lbs. 60c, postpaid.

EARLY WRINKLED VARIETIES

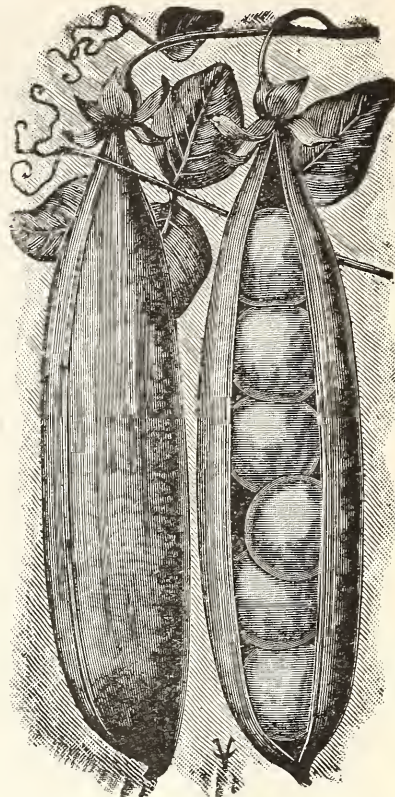
Carter's Daisy or Early Dwarf Telephone—Dwarf, large podded, needs no brush. The striking features of the Daisy pea are its large pods and the way in which they are heaped up in ridges on the short, strong vines. The pods are nearly double the size of American Wonder or Little Gem, and are always well filled with large peas of most excellent quality. The vines are 16 to 18 inches high, and being strong and thrifty, require no support, making it an ideal variety for use where brush or stakes are not available. This pea is desirable on account of the fine appearance of the pods, and always finds a ready sale. 65 days. Pkt. 5c, ½ lb. 20c, 1b. 35c, 2 lbs. 60c, postpaid.

Inoculate this
Seed with
FARMOGERM.

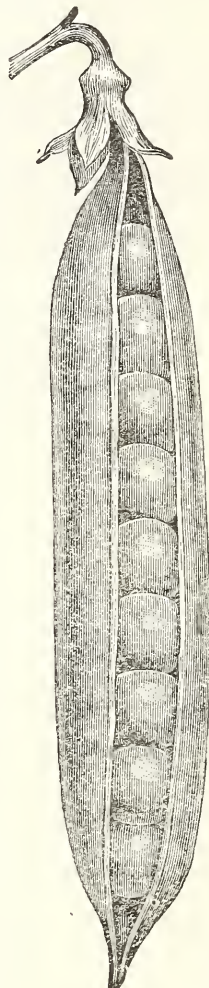
Gradus or Prosperity—

The Most popular high quality extra early, wrinkled pea. This remarkable pea is not only large and of the best quality, but is within two or three days as early as the small round extra early sorts. Gradus is a wrinkled pea, growing about 30 inches high; the pods are of a bright green color measuring 4 inches with luscious peas, 8 to 9 or more in a pod. The peas are of the highest table quality and retain in a remarkable manner their color and attractive appearance after cooking. A grand pea in all respects. 55 days.

Pkt. 5c, ½ lb. 20c, 1b. 35c, 2 lbs. 65c, postpaid.



Peas—Gradus or Prosperity



Laxtonian

Laxtonian—A very fine dwarf early Pea. The largest podded of the early dwarf wrinkled varieties. Has no superior for either quality or productiveness. Ready to use within a very few days of the very earliest types. Similar to Gradus in shape. Vines grow to an average height of about eighteen inches. The pods four inches or more long, slightly curved, with a sharp curve at the end. Contains eight to ten wrinkled luscious peas of finest flavor. Almost double the size of any other early dwarf wrinkled pea. Ready for the table in about sixty-five days. One of the few peas to receive the "Award of Merit." Pods grow near the top, making them easy to pick. One of the largest yielding varieties. Vines are vigorous, foliage dark green, which enables it to resist the extreme conditions to which Peas are subjected in many sections of the United States. A good pea for the market grower or for the home garden. A pea of real merit. 55 days. Pkt. 5c, ½ lb. 20c, 1b. 35c, 2 lbs. 65c, postpaid.

Inoculate this
Seed with
FARMOGERM.

MAIN CROP VARIETIES

Champion of England—This has been considered for a long time the standard main crop or late Pea for summer use. From this variety has sprung the whole race of green wrinkled Peas. The vines are very vigorous and productive, bearing an abundance of large, well filled pods. The Peas are light green, wrinkled, of fine quality and delicious flavor. Hardly any Pea is sweeter than this. 4 to 5 feet in height. 75 days. Pkt. 5c, ½ lb. 20c, 1b. 35c, 2 lbs. 60c, postpaid.

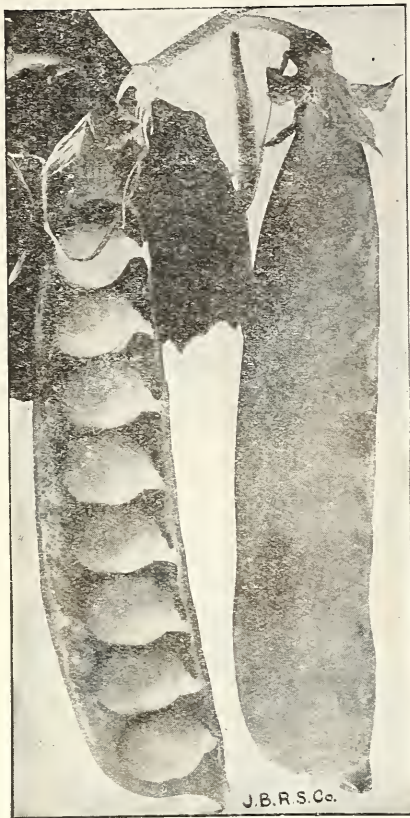
Large White Marrowfat—The vines of this tall variety are about five feet high and of strong growth. The pods are large, about three inches long, cylindrical, surface somewhat roughened, light colored and well filled. Seed large, smooth, round and light creamy yellow. It is desirable for summer use but is not as sweet and tender as most sorts, although undoubtedly one of the most productive of the garden varieties. Grow this variety for your supply of dried Peas for winter use. Pkt. 5c, ½ lb. 20c, 1b. 30c, 2 lbs. 55c, postpaid.

On Peas in lots of 5 lbs. or more of one variety, deduct 5c per lb. when ordered by express or freight not prepaid.

StimUplant

Makes a
Wonder Garden

Roosevelt — This splendid pea is of the same podded type as the Telephone but the pods are larger and the peas sweeter. The Roosevelt Pea surpasses all other large-podded varieties in another particular, that of productiveness. In other words a pint of Roosevelt pea pods will yield as many shelled as a quart of most other sorts. Quality is always to be preferred to quantity, but a pea which will give better quality and larger quantity is the pea to plant; that pea is the Roosevelt. A very popular variety. Height four feet. 70 days. Pkt. 5c, ½ lb. 20c, lb. 35c, 2 lbs. 60c, postpaid.



Roosevelt Pea

Telephone—Medium late. This fine pea has proved a valuable acquisition, vines vigorous, growing about four feet high and producing an abundance of large pods filled with immense peas, which are tender, sweet and of excellent flavor. It has sterling merit, which gardeners appreciate. 70 days. Pkt. 5c, ½ lb. 20c, lb. 35c, 2 lbs. 60c, postpaid.

Melting Sugar—(Edible pods). We consider this the best of the edible-podded sorts, in which the pods are used when half grown and are cooked in the same way as snap beans. The pods of Melting Sugar are very large, four to four and one-half inches long, broad, often curved or twisted, and when young, stringless, very tender and finely flavored. The variety we offer, sometimes called Mammoth Melting Sugar, is very prolific strong growing, about four to five feet high, with large light colored foliage. 70 days. Pkt. 10c, ½ lb. 25c, lb. 40c, 2 lbs. 70c, postpaid.

PEPPERS

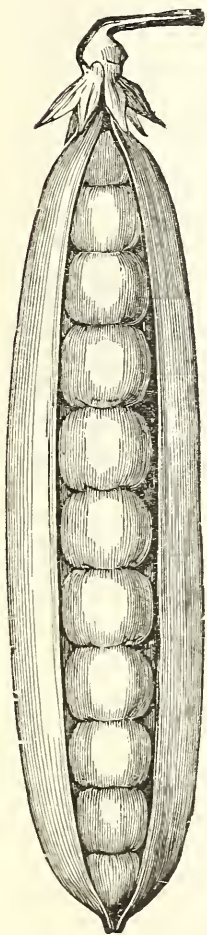
Ger.—Pfeffer. Scand.—Spankspebr. One ounce will produce 1000 to 1500 plants.

Large Bell or Bull Nose—Flesh thick, hard and less pungent than most other varieties, excellent quality for use in salads or for stuffed peppers. Sometimes three to four inches in length. 140 days. Pkt. 5c, ½ oz. 30c, oz. 55c, ¼ lb. \$1.75, postpaid.

Sweet Mountain—Vigorous and productive, fruit is large and smooth, flesh thick, fine flavor. 130 days. Pkt. 5c, ½ oz. 30c, oz. 55c, ¼ lb. \$1.75, postpaid.

Cayenne Long Red—Pods are small cone shaped and red, hot and pungent, used for pickling. 130 days. Pkt. 5c, ½ oz. 30c, oz. 55c, ¼ lb. \$1.75, postpaid.

Pimiento—The Mildest Flavored of all Peppers—Its superior and valuable qualities will be much sought. It is extensively grown by canners for pimientos, pickles and pulp, maturing in 135 days. Its productiveness makes it a desirable sort for market gardeners as it yields heavy crops until cut off by frost. Its smooth, thick flesh and uniform shape makes it an excellent shipper. Should be planted in every garden where a delicious sweet flavored pepper is wanted both for salad and for stuffing. Pkt. 10c, ½ oz. 35c, oz. 65c, ¼ lb. \$2.00, postpaid.



Peas
Telephone

PUMPKINS

Ger.—Melonen—Kuabis.

Scand.—Graeskar.

(One ounce for 25 hills—three lbs. to the acre.)

Culture—The common practice is to drop two or three seeds in every third or fourth hill in the cornfield, but if cultivated on a large scale, the seed may be sown in hills 8 feet apart each way, four plants to each hill.



Early Small Sugar or Pie

very productive and a good keeper. pie or cooking pumpkin. Ripens in 70 days. Pkt. 5c, oz. 20c, ¼ lb. 50c, lb. \$1.50, postpaid.

Early Small Sugar or Pie

—Is so well known as the best pie pumpkin it requires little description. The fruit is small to medium size, with solid fine grained flesh, and such a sweet, sugary delicious flavor they all call for "more"; the seed cavity is small. 70 days. Pkt. 5c, oz. 20c, ¼ lb. 45c, lb. \$1.35, postpaid.

Japanese Pie—A Large

Dark Green Crookneck Sort—A high quality pumpkin of Japanese origin. The flesh is very thick, of a rich salmon color, fine grained, dry and sweet. Seed cavity small. Of medium size, early. Highly desirable as a

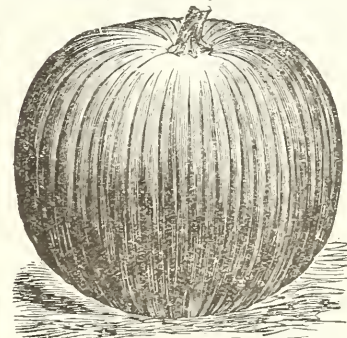


Pumpkin—Large Cheese or Kentucky Field

Large Cheese or Kentucky Field—A large round flattened pumpkin with broad ribs, the skin is of a rich cream color, flesh yellow, tender and of excellent quality. Extra fine quality for family and market use, fine for pies and rich food for stock. 90 days. Pkt. 5c, oz. 15c, ¼ lb. 30c, lb. \$1.00, postpaid.

"Jumbo" or "King of the Mammoths"—Fruits grow to enormous size. Salmon-orange skin; very thick bright yellow flesh, which is fine grained, tender, and of excellent quality for pies. 90 days. Pkt. 5c, oz. 20c, ¼ lb. 50c, lb. \$1.50, postpaid.

Winter Queen or Winter Luxury—Medium size, nearly round, skin a beautiful deep orange-yellow, finely netted. Very productive, sweet, tender, and an excellent keeper. 80 days. Pkt. 5c, oz. 20c, ¼ lb. 45c, lb. \$1.35, postpaid.



Pumpkin—Connecticut Field

Connecticut Field—The Best Yellow Field Sort—Also known as Big Tom. A large round or slightly oval shape pumpkin. Skin reddish orange color, with rich orange yellow flesh. Extensively grown for stock feeding, and generally planted with corn, producing enormous crops in 90 days. Pkt. 5c, oz. 15c, ¼ lb. 35c, lb. \$1.00, postpaid.

RADISH

Ger.—Radies.

Scand.—Reddik.

One ounce will sow 100 feet of drill, 8 to 10 lbs. to the acre.

Being a root crop, good brittle Radishes require light, well worked soil, made very rich and mellow to insure quick growth. If permitted to grow slowly, they become tough and pithy. They are easy to grow and frequent planting will insure a constant supply for the table. Thin the very young plants somewhat to prevent crowding. Summer varieties can be sown all spring and well into summer. Winter varieties, however, require some time to mature; the seed of these should be planted in June or July.

EARLY ROUND VARIETIES



Radish—Early Scarlet Turnip White Tipped

Early Scarlet Turnip White Tipped—A splendid early Radish, very attractive appearance; its white tip and deep scarlet are always pleasing to the eye. Very tender and of good flavor. 25 days. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 45c, lb. \$1.25, postpaid.

Early Scarlet Turnip—A well-known favorite Radish for early home and market use. Matures quickly, crisp and of good flavor. 25 days. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 45c, lb. \$1.25, postpaid.

Non Plus Ultra or Early Deep Scarlet—The roots are small, round and deep rich scarlet in color. They make a very quick growth, and are ready for use in from 20 to 30 days after sowing. The flesh is white, crisp, tender and of fine quality. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 50c, lb. \$1.50, postpaid.

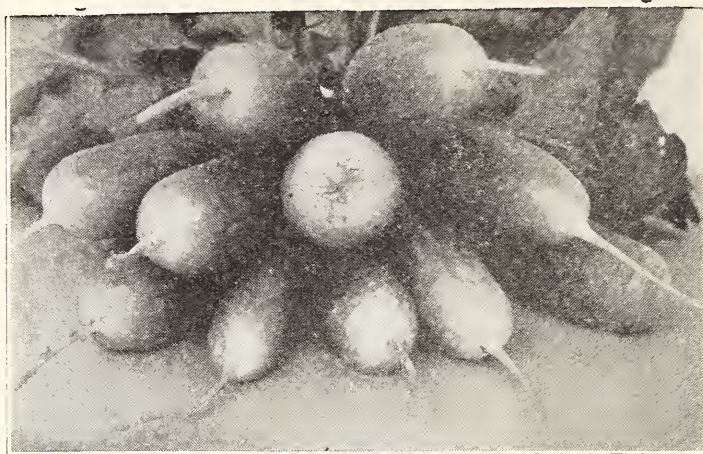
Early White Turnip—A very quick-growing, small turnip-shaped variety. Color, clear white; very mild flavor. 25 days. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 45c, lb. \$1.25, postpaid.

Crimson Giant Turnip Forcing—A variety extraordinary, in that while growing to an unusually large size, is always tender and of mild flavor. It remains in perfect condition a remarkably long time and unlike other forcing varieties, does not become pithy even when twice their size in diameter. 32 days. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 45c, lb. \$1.25, postpaid.



Radish—Early Scarlet Globe

Early Scarlet Globe—One of the earliest; flavor mild, crisp, juicy and tender. It forms a small top and will stand a great amount of heat without becoming pithy. 25 days. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 50c, lb. \$1.50, postpaid.



Radish—French Breakfast

French Breakfast or Half Long—Medium size, olive-shaped Radish, small top, scarlet except at the tip, which is white; a splendid table variety for either forcing or outdoor culture. Makes rapid growth. A great favorite. 30 days. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 45c, lb. \$1.25, postpaid.

SUMMER RADISHES—LONG VARIETIES

Grow larger than early varieties and remain in good condition longer.



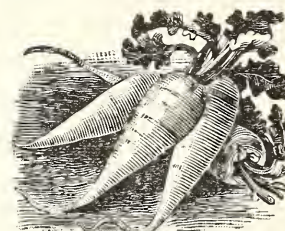
Radish—Icicle

Long White Vienna or Lady Finger—

An extra-fine garden radish. Both skin and flesh are pure white; the flavor is quite mild, and the roots seldom become pithy, remaining in good condition for a considerable length of time. 30 days. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 45c, lb. \$1.25, postpaid.

White Icicle—The roots of this Radish grow about six inches long, are of transparent whiteness with short leaves, and make their growth very quickly. It is of excellent flavor and equally valuable for home use and market gardeners. 30 days. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 45c, lb. \$1.35, postpaid.

White Strasburg—In our opinion there is no better Radish grown; the roots are white and grow to a large size, four to five inches long, for sweetness, tenderness and flavor it is unequalled. Keeps crisp and tender for a very long time. 40 days. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 40c, lb. \$1.25, postpaid.



Radish—White Strasburg

Long Scarlet Short Top—This bright scarlet short topped sort is about 5 inches long, growing half out of the ground; is uniformly straight and smooth, crisp and brittle; an excellent variety for private gardens or market. 35 days. Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 30c, lb. \$1.00, postpaid.

Cincinnati Market or Long Brightest Scarlet—An early variety, splendid for forcing or open ground. The tops are small and they stand close in the row, straight and smooth—clear bright red in color—flesh very tender. 35 days. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 35c, lb. \$1.10, postpaid.

WINTER VARIETIES

Do not sow until the latter part of June.

China Rose—One of the best fall and winter varieties, firm, white flesh. 60 days. Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 35c, lb. \$1.00, postpaid.

Mammoth White China or Celestial—Flesh solid and brittle; pure white; flavor mild or slightly pungent. A splendid keeper for use in winter; very showy. 70 days. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 40c, lb. \$1.25, postpaid.

Long Black Spanish—The latest and hardiest of all the winter Radishes; roots black, long, large and good keeper, pull before severe frost and store in damp sand in root house. 70 days. Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 35c, lb. \$1.00, postpaid.

Round Black Spanish—A round form of above. 60 days. Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 35c, lb. \$1.00, postpaid.

Sakurajima or Mammoth Japan—This is a mammoth variety, and is said to be the largest variety that is obtainable in Japan. Very tender and round. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 65c, lb. \$2.00, postpaid.

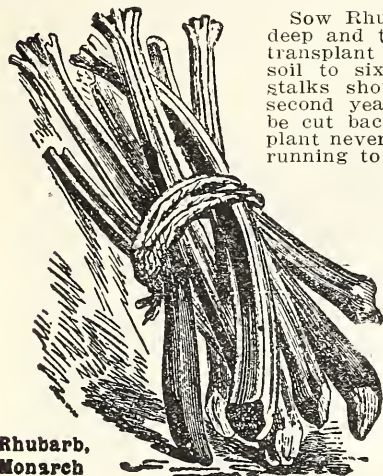
Nerima or Mikado—A wonderful product of the Orient, with snow-white flesh very tender and under good conditions growing from two or three feet in length. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 65c, lb. \$2.00, postpaid.

RHUBARB

Ger.—Rhababer.

Scand.—Rhababer.

(One ounce to 125 feet of drill, 1 lb. to acre.)

Rhubarb,
Monarch

Sow Rhubarb seed in drills one inch deep and thin out to six inches apart; transplant in the fall to deep, manured soil to six feet apart each way. The stalks should not be pulled until the second year. The bloom stalks should be cut back well to the crown and the plant never allowed to exhaust itself by running to seed.

Monarch—Largest and most productive variety known. Will grow 15 to 20 inches long and fully 1½ inches broad. A popular variety. Pkt. 5c, oz. 20c, ¼ lb. 45c, lb. \$1.50, postpaid.

Victoria—Very large, highly colored and of good flavor. Pkt. 5c, oz. 20c, ¼ lb. 45c, lb. \$1.50, postpaid.

SALSIFY OR OYSTER PLANT

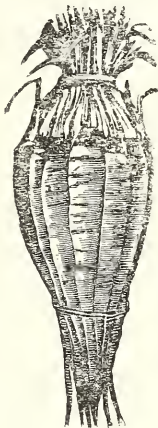
Ger.—Hafer-Wurzel.

Scand.—Havrerod.

(One ounce will sow 100 feet of drill, 8 lbs. to the acre.)

Culture—Sow the seed in light, deep soil, early in spring, in drills 12 inches apart and 1 inch deep, thinning out the young plants to 4 or 5 inches. The roots will be ready for use in October, when a supply should be taken up and stored like carrots. Those remaining will suffer no injury by being left in the ground till spring, but should be dug before commencing their growth.

Mammoth Sandwich Island—We consider this the largest and most profitable salsify in cultivation; roots are two to three times the size of the ordinary salsify, and of more agreeable flavor. It is pure white in color, and invaluable to market gardeners. 90 days. Pkt. 5c, oz. 25c, ¼ lb. 75c, lb. \$2.50, postpaid.



Salsify

Seeds for Flavoring, Medicinal and other Purposes

	Postpaid	¼ lb.	lb.
Celery—For flavoring and soup (not for sowing).....		.20	.60
Dill—For Flavoring .....		.15	.50
Pumpkin (For Medical Purposes) .....		.15	.45
Water Melon (For Medical Purposes) .....		.15	.40
Musk Melon—(For fancy work) .....		.15	.40

SOW THE SEEDS OF SUCCESS

All our Vegetable and Flower Seeds are tested before we place them in the packages, and each year most of the vegetable seeds are grown to maturity in our trial grounds during the Summer that we may know just what the seeds we sell will produce. We know they will grow for they have all been tested as to germination before being placed on sale. The success of your Garden and Farm Crops is largely dependent upon the quality of the seeds you sow. For over thirty years State Nursery and Seed Co. has stood for highest quality in seeds, coupled with service and fair treatment.

PLANT A GARDEN

Eat More Vegetables

Vegetables are the natural source of vitamins.
Vegetables contain more of this life force than any other food.
Vegetable food is pure food.
Vegetables are healthful.
Grow more vegetables.
Eat more vegetables.

Flower and Vegetable Seed Collections
See Page 73

SPINACH

Ger.—Spinat.

Scand.—Spinat.

(One ounce for 100 feet of drill; 10 to 12 pounds in drills for one acre.)

The main crop is sown in September. It is sometimes covered up in exposed places with straw or salt hay during winter, which prevents it from being cut with frosts; but in sheltered fields there is no necessity for covering. For summer use it may be sown at intervals of two or three weeks, from April to August. Spinach is best developed and most tender and succulent when grown in rich soil.



Spinach—Improved Thick Leaved

Round Thick Leaved—This variety grows quickly, forming a cluster of slightly wrinkled leaves of fine color and in rich ground—the richer the better. If for early spring use sow in the fall and protect the young plants with a covering of light manure or straw. 45 days. Pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 75c, postpaid.

Long Standing—The best variety for family use, as it remains in good condition longer without running to seed than the round leaved sorts. Thick. Well flavored leaves. 45 days. Pkt. 5c, oz. 15c, ¼ lb. 30c, lb. 85c, postpaid.

Bloomsdale Savoy Leaved—One of the best of the savoy leaved type, with thick heavily curled leaves. Very succulent and tender. 40 days. Pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 75c, postpaid.

Prickly Winter—One of the hardiest varieties with medium sized broad leaves. Very tender. Pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 75c, postpaid.

New Zealand—The stems and leaves of this variety are soft, thick fleshy and crystalline in appearance. Started early in the spring, the plants will resist heat and make strong growth during the summer. 55 days. Pkt. 5c, oz. 15c, ¼ lb. 35c, lb. \$1.25, postpaid.

King of Denmark—Stands two weeks longer than any other sort. This remarkable new spinach is far superior to any of the other sorts. Its principal advantage is that it stands two weeks longer before running to seed than any other variety. The leaves are large, rounded, Savoy or crumpled, of deep green color. Ready to cut in 48 days. Pkt. 5c, oz. 15c, ¼ lb. 40c, lb. \$1.00, postpaid.

TOBACCO

One ounce will plant an acre.

Grow your own smoking tobacco

Cultural directions—The plants should be started in a hotbed, or in pots or boxes in the house, and transplanted outdoors, three feet apart each way, when danger of frost is past.

Connecticut Seed Leaf—Is the hardiest variety in cultivation. Pkt. 10c, ½ oz. 40c, oz. 75c, postpaid.

THE DUTIES OF SEEDSMEN

The seedsmen's duties do not end with the buying and selling of seeds; he must educate the customer. Probably more than 75 per cent of the errors and disappointments are because of the lack of knowledge on the part of the buyer.

Therefore it is the seedsmen's duty to safeguard the customers against such error by advising them to plant the right seed at the right time under right conditions.

SQUASH

Ger.—Kurbiss.

Scand.—Squash-Graeskar.

(One ounce to 25 hills; 3 to 4 lbs. to the acre.)

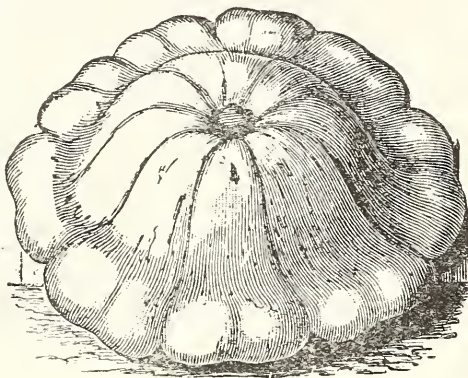
There are two distinct types. The Summer is cultivated for the tender young fruits which are used in the green or growing stage during the summer months. The winter Squashes produce larger hard-shell fruits, which are gathered in the fall before there is danger of their being injured by frost, and stored in a warm, dry place for winter use. A few of the varieties, may be used in either state.

SUMMER VARIETIES

Early White Bush Scallop—The best early, matures in 65 days. The fruit is a beautifully waxy white of superior quality, somewhat flattened, scalloped along the edge and of medium size. It has that lasting delicious sweetness that leaves a hankering for more. 55 days. Pkt. 5c, oz. 20c, ¼ lb. 45c, lb. \$1.25, postpaid.

Stim-U-plant.
An all the year fertilizer for garden and house plants.

StimUplant
Makes a
Wonder Garden



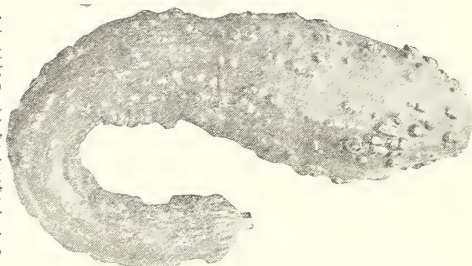
Squash—White Bush Scallop



Vegetable Marrow

Vegetable Marrow—The favorite English Long White sort. The fruit is very desirable in size, from 9 to 19 inches in length and from 4 to 6 inches in diameter. Skin white, flesh white, and of rich flavor. This is distinct from all other varieties of squash. 65 days. Pkt. 5c, oz. 20c, ¼ lb. 50c, lb. \$1.50, postpaid.

Early Summer Crookneck—Very early medium sized, about fifteen inches long and matures in 70 days. Flesh has a deep golden yellow color, is dry and of most agreeable flavor. Is the most highly esteemed of all summer varieties. 60 days. Pkt. 5c, oz. 20c, ¼ lb. 45c, lb. \$1.25, postpaid.



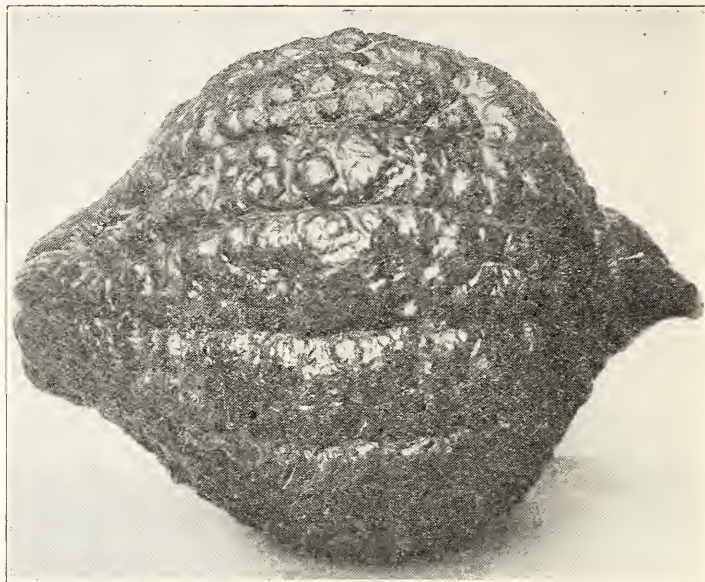
Early Summer Crookneck

Food for Growing Plants—in the Most cleanly, convenient and effective form—Stim-U-plant.

Winter Squashes are easily stored in a warm dry room. Be sure to leave part of the stem attached to the fruits.

FALL OR WINTER VARIETIES

Red or Golden Hubbard—This is identical in size, form and fruitfulness with the Chicago Warty Hubbard, the chief distinction being that the heavily warted skin is of a rich orange yellow, turning to a deep salmon red when ripened. It is of most attractive appearance, fine quality, and should be one of the most profitable market sorts. 105 days. Pkt. 5c, oz. 20c, ¼ lb. 60c, lb. \$1.75, postpaid.



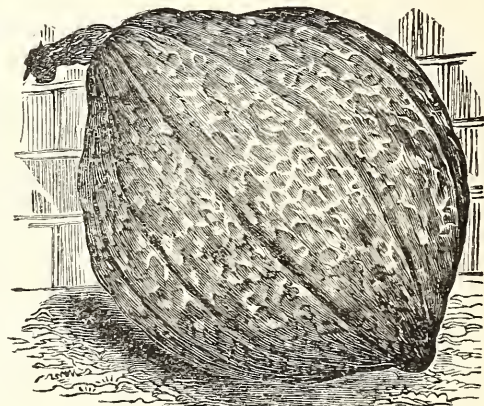
Squash—Improved Hubbard

Improved Hubbard—This old and popular favorite is still one of the very best winter Squashes grown; always richly flavored. The vines are luxuriant growers and very productive, yielding large squashes of dark bluish green color, weighing often 10 to 25 pounds each. Properly stored, it may be kept from September to May. 100 days. Pkt. 5c, oz. 20c, ¼ lb. 50c, lb. \$1.50, postpaid.

Sibley or Pikes Peak—Shell smooth, thin, oval shape, tapering at blossom end, skin dark green, the flesh is thick, solid, deep orange color, very dry, fine grained, with a delicate flavor. Very superior quality. Pkt. 5c, oz. 20c, ¼ lb. 40c, lb. \$1.25, postpaid.

Delicious—This fall and winter Squash is finer-grained and more delicious than the well-known Hubbard. The color of skin is green, with an occasional blue specimen; size about same as Hubbard, weighing from 5 to 10 lbs. The shell is not very thick, but is hard and strong; the flesh is thick and of a bright yellow color, fine grained and of splendid quality. For table use, either as a fall or winter Squash, it cannot be excelled. 110 days. Pkt. 5c, oz. 20c, ¼ lb. 50c, lb. \$1.50, postpaid.

Boston Marrow—Is a very popular squash, very productive fall and winter variety of medium to large size, oval shape, and thin skin. It is much used for canning and making pies. The fruits when ripe are bright orange with a shading of light cream color. The flesh is of rich salmon-yellow color fine grained and of excellent flavor. 100 days. Pkt. 5c, oz. 15c, ¼ lb. 30c, lb. \$1.00, postpaid.



Squash—Boston Marrow

Chicago Warty Hubbard—It is similar in size and quality to the Hubbard. The vines are vigorous and productive, while the large dark olive-green fruits are rather more heavily warted. Very handsome in appearance; an excellent keeper and of splendid quality. 110 days. Pkt. 5c, oz. 20c, lb. 50c, lb. \$1.50, postpaid.

TOMATO

Ger.—Liebesapfel.

Scand.—Tomat.

(One ounce will produce 2000 to 3000 plants.)

CULTURE—Sow early in hotbeds, and as soon as they have four leaves transplant into shallow boxes, Harden off, and set out as soon as danger of frost is past.

Earlibell—One of the earliest Tomatoes known. The fruit is perfectly smooth from beginning to end of season. No variety is more uniform in shape, all the tomatoes on a cluster ripen at once and are all about the same size. Its color is a beautiful, deep glossy scarlet, and very attractive. 85 days. Pkt. 5c, ½ oz. 25c, oz. 40c, ¼ lb. \$1.35, lb. \$4.00, postpaid.

Spark's Earliana—The earliest tall variety, forming ripe fruit much earlier than any other. The fruit is large, smooth, of a bright scarlet color, and of fine quality. Very valuable for early market use. 90 days. Pkt. 5c, ½ oz. 25c, oz. 40c, ¼ lb. \$1.35, lb. \$4.00, postpaid.

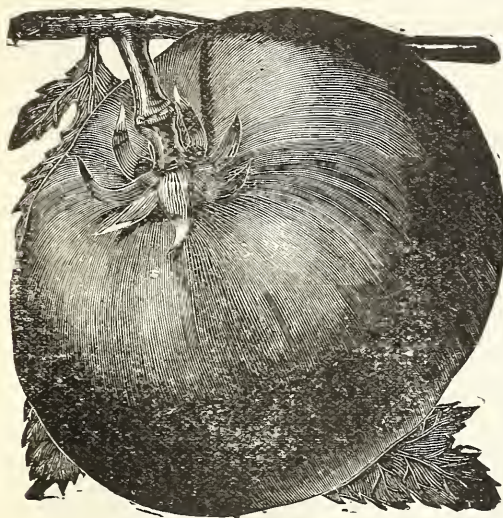
NOVELTIES

Market King

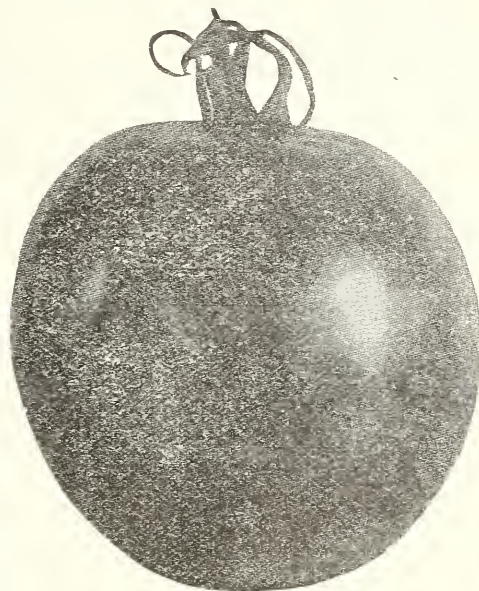
Early and prolific: It is one of the finest tomatoes for indoor and outdoor culture ever introduced (matures quickly from seed). The Market King sets freely and is an immense cropper, yielding heavy bunches at short intervals all over the plant. Fruit smooth and of fine quality, medium in size and perfectly round. The color is bright scarlet and produces almost no seed. We question if any other variety would, in a given space, carry so heavy a crop, for this reason it is very valuable for market purposes. Market King has won many awards and prizes. Pkt. 25c, ¼ oz. \$1.50, ½ oz. \$2.75, oz. \$5.00.

Orange Sunrise

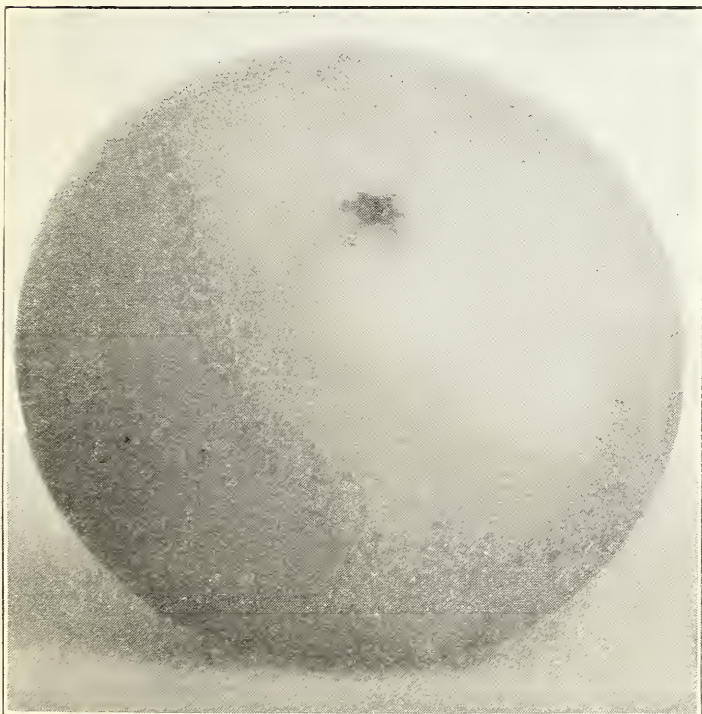
Is one of the earliest and most prolific in cultivation, and after exhaustive trials of this new Tomato, leading specialists have stated that, either raw or cooked, Orange Sunrise possesses the finest flavor of any variety yet introduced. It is the result of a cross between the best of the red and yellow varieties, and bears fruit of a beautiful orange color. Possessing all the popular qualities of the smooth rounded form, medium size appearing in large clusters, it is equally suitable for indoor and outdoor culture. We are convinced that all who give the Orange Sunrise Tomato a careful trial will realize its high value and that, notwithstanding popular prejudice in favor of red Tomatoes it will succeed in establishing itself as one of our leading varieties. Pkt. 25c, ¼ oz. \$1.50, ½ oz. \$2.75, oz. \$5.00, postpaid.



Market King



Tomato—Spark's Earliana



Tomato—Bonny Best



Tomato—John Baer

Bonny Best—An extra fine early variety for the home garden; a few days later than the Earliana. The color is bright red; ripens evenly to the stem. It is a vigorous grower, quite productive and with splendid foliage for protecting fruit from the hot sun. 90 days. Pkt. 5c, ½ oz. 25c, oz. 40c, ¼ lb. \$1.35, lb. \$4.00, postpaid.

Golden Queen—Is solid, very smooth, free from ridges, large in size, ripens up early and is a handsome sort; in fact, one of the most beautiful yellow varieties; excellent quality. 100 days. Pkt. 5c, ½ oz. 25c, oz. 40c, ¼ lb. \$1.35, lb. \$4.00, postpaid.

John Baer—The seed of this Tomato was purchased by us five years ago from one of the largest growers in the East, who recommended it as the earliest of all tomatoes, and our experience with it bears out this recommendation. The fruit is a bright red color, of good size, round, smooth, very solid and producing very few seeds, 85 days. Pkt. 10c, ½ oz. 30c, oz. 50c, ¼ lb. \$1.65, lb. \$5.00, postpaid.

IMPORTANT

By supporting the plants less ground space is required, the fruit will ripen better and less will spoil.

TOMATOES—(Continued.)

SMALL FRUITED VARIETIES

For pickling and preserving. Invaluable for garnishing.

Red Pear—
Red Peach—
Red Plum—
Red Cherry—
Red Currant—

Pkt. 5c. ½ oz. 40c. oz. 75c. ¼ lb. \$2.50, postpaid.

Winter Cherry, or Purple Husk Tomato—Makes fine sauce.
Pkt. 5c. ½ oz. 40c. oz. 75c. ¼ lb. \$2.50, postpaid.

Yellow Cherry
Yellow Plum—
Yellow Peach—
Yellow Pear—

Pkt. 5c. ½ oz. 40c. oz. 75c. ¼ lb. \$2.50, postpaid.

Ground Cherry, Strawberry, or Yellow Husk Tomato—Plants of low-spreading growth and immensely productive. The small yellow fruits are each inclosed in a husk. Of very sweet flavor, highly esteemed for preserving or making pies.
Pkt. 5c. ½ oz. 40c. oz. 75c. ¼ lb. \$2.50, postpaid.

TURNIP

Ger.—Steckruebe.

Scand.—Turnips.

One ounce will sow 150 feet of drill; 2 pounds will sow an acre.

Culture—For early use, sow as soon as the ground can be worked in spring, in drills 15 inches apart, and thin to 8 inches apart as soon as plants are large enough to handle. The sowing should be made just before rain, if possible, a rapid growth being important.

For feeding stock in fall and winter there is nothing superior to turnips and rutabagas, as they are much liked by all kinds of stock and serve to keep them in good condition. We cannot too earnestly recommend farmers to increase their sowings largely for we are sure the crop will prove remunerative.

WHITE VARIETIES

White Milan—Extra Early—Very small top, upright and compact; the clear white roots are very smooth, symmetrical and beautiful; there is no better turnip for early bunching; fine grained, tender and sweet. 45 days. Pkt. 5c. oz. 20c. ¼ lb. 45c. lb. \$1.50.

Purple Top Milan—Extra Early—Very similar to the White Milan except that the roots are a little more flat, and the top of the root is purple. 45 days. Pkt. 5c. oz. 20c. ¼ lb. 45c. lb. \$1.50.

Early Snowball—A medium globe shaped variety of pure white. Very solid and of the finest quality for table use.
Pkt. 5c. oz. 15c. ¼ lb. 30c. lb. \$1.00, postpaid.



Turnip

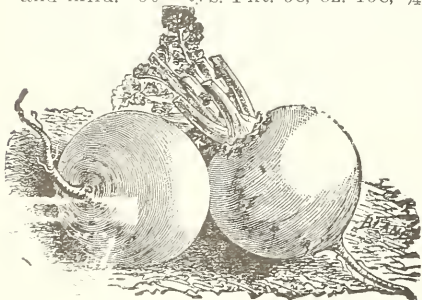
Purple Top White Globe

Turnip—Purple Top Strap Leaf

Purple Top Strap Leaf—The most generally planted of any variety. It is a quick grower, the flesh is very fine grained and sweet flavored. The red top of the bulb extends down to where it rests in the soil. 55 days. Pkt. 5c. oz. 15c. ¼ lb. 30c. lb. 95c. postpaid.

Purple Top White Globe—Round, globe shaped about six inches in diameter, with smooth, white skin; flesh pure white, firm and crisp, and of quick growth. A good keeper and fine for market. 70 days. Pkt. 5c. oz. 15c. ¼ lb. 30c. lb. 90c. postpaid.

White Egg—An old favorite, egg-shaped, perfectly smooth, firm and mild. 50 days. Pkt. 5c. oz. 15c. ¼ lb. 30c. lb. \$1.00, postpaid.



Turnip—Golden Ball

YELLOW VARIETIES

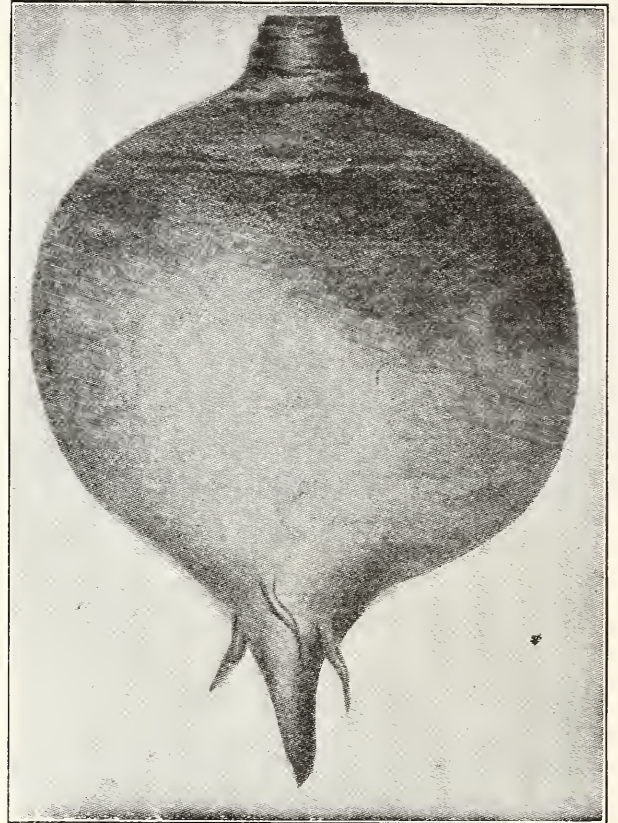
Golden Ball—The most delicate yellow fleshed turnip; of medium size form, hard and of superior flavor. Valued highly as a table variety. 70 days.
Pkt. 5c. oz. 15c. ¼ lb. 30c. lb. 90c. postpaid.

RUTABAGA

Russian or Swedish Turnip

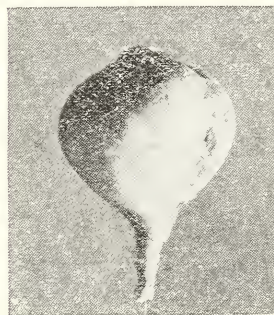
These require a longer season in which to grow than do other turnips; the seeds should be sown about the first to the middle of June.

Bangholm—The seed of this variety of Rutabaga is grown in Denmark by "Daehnfeldt," who has been awarded a first class certificate on several occasions by the Danish government for the Best Cropping Rutabagas. An oblong globular shaped root with small neck, yellow flesh, very dark purple top and is superior to all other varieties. 95 days.
Pkt. 5c. oz. 20c. ¼ lb. 35c. lb. \$1.00, postpaid.



Rutabaga—American Purple Top

American Purple Top—This strain is of American origin and is a purple top yellow variety. Excellent for table use and also for stock feeding. A most desirable variety. 95 days. Pkt. 5c. oz. 20c. ¼ lb. 35c. lb. 90c. postpaid.



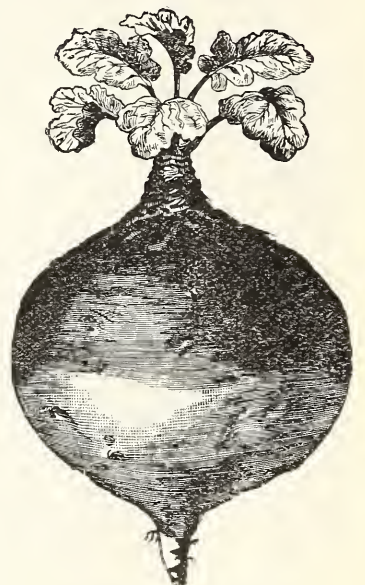
Large White or Sweet Russian

Large White or Sweet Russian

—This variety is most excellent either for table or stock. It grows to a large size; flesh white, solid, firm texture, sweet and rich; keeps well. 90 days. Pkt. 5c. oz. 20c. ¼ lb. 45c. lb. \$1.25, postpaid.

Rutabagas are highly nutritious as a table vegetable and profitable as food for stock and fowls.

BIRD SEED—SEE PAGE 118



Rutabaga
Danish Bangholm

SWISS CHARD (See Page 80)

State Nursery and Seed Co.'s

Rocky Mountain Lawn Grass Seed

ROCKY MOUNTAIN LAWN GRASS MIXTURE is the best that can be procured at any price or under any brand. It is the result of years of scientific selection and test in this climate, and it is no unusual thing for lawns that are sown with this unequalled mixture to require cutting in thirty days or less from the time of sowing.



Lawns in Hill Park, Helena, Montana, grown from our Unsurpassed Rocky Mountain Lawn Grass Seed. Wonderful Lawns like this can be seen in all parts of this section from this Brand of Seed. The Trees in the foreground are Koster's Blue Spruce, Grafted Stock. Supplied from our Nursery. (See Page 44.)

One quart will sow 200 square feet or 10x20; 10 lbs. for 2,000 square feet, or 40x50; 80 to 100 lbs. per acre or 209x209.
Our Lawn Grass Mixture is scientifically combined. Our experience of many years has given us an intimate knowledge of grasses, their habits and requirements. In our Rocky Mountain Lawn Grass Mixture are included only the very best varieties—pure, clean and free from foul seed.

LAWN GRASS MIXTURE WITH DUTCH CLOVER—

Postpaid—Pint, 30c; qt., 50c; 5 lbs., \$2.50; 10 lbs., \$4.75.

By express or freight at purchaser's expense—

Pint, 25c; qt., 45c; 5 lbs., \$2.25; 10 lb., \$4.00.

As there are many people who like clover in a lawn we put up a mixture as above; this mixture has gained us many friends and is increasing in popularity.

ROCKY MOUNTAIN LAWN GRASS MIXTURE—

Postpaid—Pint, 30c; quart, 50c; 5 lbs., \$2.25; 10 lbs., \$4.25.

By express or freight at purchaser's expense—

Pint, 25c; quart, 45c; 5 lbs., \$2.00; 10 lbs., \$3.75.

SHADY PLACE LAWN GRASS—

Postpaid—Pint, 35c; quart, 60c; 5 lbs., \$2.75; 10 lbs., \$5.25.

By express or freight at purchaser's expense—

Pint, 30c; quart, 55c; 5 lbs., \$2.60; 10 lbs., \$5.00.

Usually it is quite difficult to obtain a satisfactory growth of grass under trees and in shady places. For sowing in such places we recommend the use of this special mixture. The grasses used in making this special mixture are those that are well adapted for growing in shade.

Kentucky Blue Grass—(Super Grade)—Once in about 5 years there is an extra fine quality of Blue Grass produced. 1923 had one. This makes it possible to secure seed weighing 26 lbs. per measured bushel, fine plump bright seed. Ordinary seasons 21 to 23 lbs. seed is good weight. Buy Super Seed for your lawn this season.
Postpaid per lb. 55c. By express or freight at purchaser's expense, per lb., 50c, any quantity.

KENTUCKY BLUE GRASS—(“Peerless” Grade)—

Postpaid—1 lb., 45c; 5 lbs., \$2.00; 10 lbs., \$3.90.

By express or freight at purchaser's expense—

1 lb., 40c; 5 lbs., \$1.90; 10 lbs., \$3.65.

We wish to call particular attention to the cleanliness of our Blue grass.

KENTUCKY BLUE GRASS—(“Placer” Grade)—

Postpaid—1 lb., 35c; 5 lbs., \$1.75; 10 lbs., \$3.50.

By express or freight at purchaser's expense—

1 lb., 30c; 5 lbs., \$1.50; 10 lbs., \$2.90.

Used extensively for lawns and parking streets; also makes excellent pasture or hay.

WHITE DUTCH CLOVER—(Peerless)—

Postpaid—½ lb., 45c; 1 lb., 75c; 5 lbs., \$3.50.

By express or freight at purchaser's expense—

½ lb., 40c; 1 lb., 70c; 5 lbs., \$3.25.

This is frequently sown to cut green for chicks and fowls; also used largely in making lawns for which this variety is especially adapted.

PRICES SUBJECT TO CHANGE.

FIELD SEED DEPARTMENT

This department is fully equipped to clean and grade large stocks of alfalfa, clover, and other seed, all appliances being electrically operated, the outstanding item being featured this season is Montana Grown Certified and Approved Seed Corn.



Field Seed—Display at Montana State Fair, September 1923

SEEDING TABLE

An acre contains 43,681 square feet—209x209 feet.

	Broadcast.	Drilled.		Broadcast.	Drilled.
ALFALFA —For hay crop, on irrigated land....	15 lbs.	12 lbs.	BROME GRASS —(<i>Bromus Inermis</i>) For hay or pasture on irrigated land	20 lbs.	15 lbs.
ALFALFA —For hay crop on dry land.....	10 lbs.	8 lbs.	BROME GRASS —(<i>Bromus Inermis</i>) For hay or pasture on dry land	15 lbs.	12 lbs.
ALFALFA —For seed crop, on dry land or sub-irrigated	8 lbs.	6 lbs.	BLUE GRASS —For hay or pasture on irrigated land	25 lbs.	20 lbs.
ALFALFA —Pedigreed GRIMM, in rows 3 ft. apart to be cultivated		1 lb.	ORCHARD GRASS —For hay or pasture on irrigated land	25 lbs.	20 lbs.
CLOVER —Medium Red, for hay crop.....	12 lbs.	10 lbs.	RYE GRASS (<i>Perennial</i>)—For hay or pasture on irrigated land	40 lbs.	30 lbs.
CLOVER —Sweet, for hay crop or to be plowed under for green manure....	15 lbs.	12 lbs.	MILLET —German, Hungarian, Siberian or Hog, for hay crop	30 lbs.	25 lbs.
TIMOTHY —For hay or Seed Crop.....	10 lbs.	8 lbs.	MILLET —Japanese or Billion Dollar Grass, for hay crop	15 lbs.	10 lbs.
TIMOTHY AND ALSIKE CLOVER —for hay or pasture	10 lbs.	8 lbs.	SUDAN GRASS —	20 lbs.	10 lbs.
RED TOP —For hay crop or pasture.....	10 lbs.	8 lbs.			

GRAIN

WHEAT—4 pecks—1 bu. or 60 lbs.
OATS—4 to 5 pecks—1 bu. and 1 peck or 50 to 60 lbs.
FLAX—16 to 30 lbs.
PEAS—per acre 90 to 120 lbs.
BEANS—per acre drilled 20 to 30 lbs.
CORN—per acre drilled 15 lbs.

BARLEY—2 or 6 row—5 pecks—1¼ bu. or 60 to 70 lbs.
BARLEY—(*Hulless*)—4 pecks—1 bu. or 60 lbs.
RYE—45 to 50 lbs. for grain; 50 to 60 lbs. for hay.
SPELTZ—4 pecks dry land—50 lbs. for grain.
SPELTZ—5 pecks irrigated—60 lbs. for grain.
CORN—For fodder or Silo, 75 lbs.

ALFALFA SEED (Our Specialty)

INOCULATE THIS
SEED WITH
FARMOGERM

REGISTERED GRIMM ALFALFA

Grimm Alfalfa as it is generally called, was first grown by Wendelin Grimm, at a point in Minnesota. The wonderful advance made by this type over the ordinary Alfalfa led to its being subjected to the most severe tests by the Agricultural Colleges and others. Our Registered Grimm has been grown under the supervision of the Montana State College and Montana Seed Growers Association for years, and is harvested, threshed and sealed under the care of their representative.

True Grimm Alfalfa has been so well advertised and described that any attempt at further praise would be superfluous. In every respect it has proved itself a most wonderful variety or type, and its reputation has been so well established that the true registered and sealed seed always commands a high price. Our stock of Grimm is the best that can be procured at any price, grown from the original stock, fully registered, inspected, tested and sealed under the most stringent regulations to protect consumer.

FREE—Pamphlet on Registered Grimm for the asking.

We have discontinued the offering of so-called Certified or Affidavit Grimm as this seed is not eligible for registration nor can seed from it be registered by the Montana Seed Growers Association. If you ever intend to raise Grimm for seed play safe and buy only registered stock.

Our Registered Grimm Alfalfa seed is classified as No. 1 with purity of 99.5% or better by the Montana Seed Growers Association. There are two lower grades obtain-

able but we consider the best not too good for our customers. See page 112 for price.

We ship in sealed sacks.

Our seed shows a purity test of 99.5% and over. If you find that it contains dodder, quack grass, Canada Thistles, sow thistles, or any other dangerous weed seeds, you can return same to us at our expense and we will cheerfully refund your money.

To quote the U. S. Dept. of Agriculture on the forage value of alfalfa:

"No forage crop cultivated in the United States is utilized successfully in so many ways as alfalfa. It is more nearly a perfect forage than any other crop grown in this country. As hay, it is unsurpassed for general feeding. As pasture it has a high carrying capacity and produces large gains. As a soiling crop it is valuable with proper handling. It makes excellent silage and when ground into meal is a good and easily handled feed."

Inoculate this
Seed with
FARMOGERM.

COSSACK ALFALFA (Registered Stock)

Prof. Hansen's Introduction

"The strongest and best one of the hybrid alfalfas is the one I have named Cossack noted in bulletins 159 and 167. The Chemo Alfa, sister plant of the Cossack, has been consolidated with the Cossack as it is not possible to distinguish between them. The small spoonful of seed which I brought home from Russia in 1906 and named Cossack has been developed in the hands of many farmers so that the 1916 crop in the western part of South Dakota was fully One Thousand Bushels. In 1917 the crop of seed was reduced by crickets and grasshoppers. Many farmers have found by their own experience that Cossack is the heaviest and best seeder of any alfalfa they have ever tested. The dry season demonstrated the value of Cossack. Very favorable reports of the Cossack come from many sections, including the far northwest prairie region of Saskatchewan, Canada. We have only a small stock of Cossack seed available for the special experimenters who wish to get their start from good registered stock.

"LISCOMB" ALFALFA (Variegated Flowered)

The type listed as "LISCOMB" Alfalfa is one of the best that has yet been introduced. It possesses every requisite to be desired to place it in the front rank of Alfalfa varieties.

It is of the much to be desired branching root and many crowned type, with variegated flowers.

It is of the most hardy nature, yields enormously, and does well on dry and sub-irrigated lands, and has stood a test of 46 degrees below zero.



Showing Grimm and Tap Root Varieties Alfalfa



FOR PRICES SEE PAGE 112

Montana Hardy "Selected" Alfalfa

The Montana Hardy Alfalfa Seed listed below is in our estimation second only to Grimm for hardiness, being grown on old fields in the north and eastern sections of the State where only the hardiest can endure the extreme conditions prevailing there.

Montana Hardy Alfalfa Seed is today acknowledged to be without a peer. Experiment Stations of several State Agricultural Colleges, bear out in every case the final superiority of Montana Seed, for hardiness, vitality and productiveness. Located as we are, in the heart of the Rockies, we have facilities for the selection and acquisition of the highest grades of Alfalfa for the northwestern country that are not equaled by any other house, and our customers may rely on the assertion that seed secured from us is of the hardiest and best obtainable quality in the grade in which we class it.

MONTANA HARDY ALFALFA

"Peerless Grade"

Best on earth, in 50 lb. or 100 lb. Sealed Bags. The seed is large and of high germination, with a purity test of 99 or better. Our seed is obtained in those sections where plants have endured the extreme cold of winter and thrive at high altitudes. Our experience of several seasons has demonstrated the superiority of this seed under adverse climatic conditions throughout the entire Northwest. There is no better seed grown.

MONTANA HARDY ALFALFA

"Placer Grade"

Experiments of many agricultural stations have established without a doubt the superior hardiness of Montana grown Alfalfa seed over that produced elsewhere. This grade is selected from among the best that grows, and is second only to our "Peerless", with a purity test of 98 or better. Samples cheerfully sent to intending purchasers; when writing for samples, please state what quantity you expect to use, so that we may quote you the best possible price on the quantity you need.

TURKESTAN ALFALFA

This variety has been satisfactory in many sections and has become quite popular. In consequence large quantities of Turkestan Alfalfa seed are imported annually to the United States. This seed is grown on the high table lands of central Asia where the days are hot and the nights cold. It has been successfully grown for years in Montana. A successful Alfalfa grower who has had years of experience in raising Turkestan Alfalfa where a temperature of 20 to 30 degrees below zero almost every winter tests the hardiness and vigor of all plant life, highly recommended this variety. We believe Turkestan seed to be second only to Montana for hardiness. Our stock is from direct import and in the original bags weighing about 200 lbs.

FOR PRICES SEE PAGE 112

Inoculate this
Seed with
FARMOGERM.



MONTANA HARDY ALFALFA

"Quartz Grade"

An excellent grade of seed, but on account of unfavorable weather it has some discolored seed and therefore is not bright enough in color for the higher grades. This seed is well above the standard for both purity and germination. Write for samples stating quantity you can use.

If farmers would visit the cleaning plants installed in the seed houses and see for themselves the amount of weeds and trash that is taken out of the cleanest of country run stocks they would realize how very necessary is the seedsmen. They would perforce be compelled to admit that **seed houses are the best protection the farmer has** against the introduction of impure seed onto his farm. Probably more impure, weed infested, infertile seed is distributed every year by the well intentioned but extremely dangerous direct from the farm purchase of seed than by any other way.

The purchaser of this kind of seed should remember he is paying just as much for the few pounds of impurities he buys with every bushel of seed as for the good seed. In addition he is paying a long price for seed that may mean years of grief due to the introduction of buckhorn, dodder, thistle and other weeds to his otherwise well-kept farm. **Nothing will lower the value of a farm quicker in the eyes of a prospective purchaser than the existence of noxious weeds.**



NEVER PLANT CLOVERS, ALFALFA, VETCHES, OR ANY OTHER LEGUME WITHOUT INOCULATING WITH FARMOGERM. IF YOU DESIRE A BIG STAND AND THE BEST FERTILIZING VALUE AT THE LOWEST COST. IT IS AS IMPORTANT TO DO THIS AS IT IS TO SEE THAT YOUR SOIL IS SWEET AND IN PERFECT CONDITION.

Gold Medal Awarded State Nursery & Seed Co.,
for Alfalfa Seed at the Panama-Pacific Exposition,
San Francisco, Cal.

INOCULATE THIS
SEED WITH
FARMOGERM

CLOVERS

INOCULATE THIS
SEED WITH
FARMOGERM



Medium Red Clover

Medium Red—Looking to the future, no time should be lost in introducing the bacilli of the Red and Alfalfa Clovers. The use of nitro cultures may tend to hasten their establishment, but nature's way, and the best way, is to use a small quantity of seed, say a pound or two of Red and Alfalfa Clover to the acre with whatever crop you are seeding. After a little you have a prized baccilli in your land, then you may safely call your farm doubled in value from a producing standpoint. Red Clover is regarded as the most important of the whole genus for practical agriculture; valuable not only for forage but also a fertilizer for the soil. Long, powerful tap-roots, which in decaying add largely to that black mass of matter we call soil.

Mammoth Red—This variety of clover matures about two weeks later than the ordinary red clover, and will produce a heavier yield per acre than any other variety. It is also better adapted to poor sandy soil than other sorts, Alsike included. On account of its vigorous heavy growth, it should be cut for hay before the bloom fully matures, otherwise the heavy growth will have a tendency to become woody. It is by far the best variety known where clover is desired for a hog pasture.

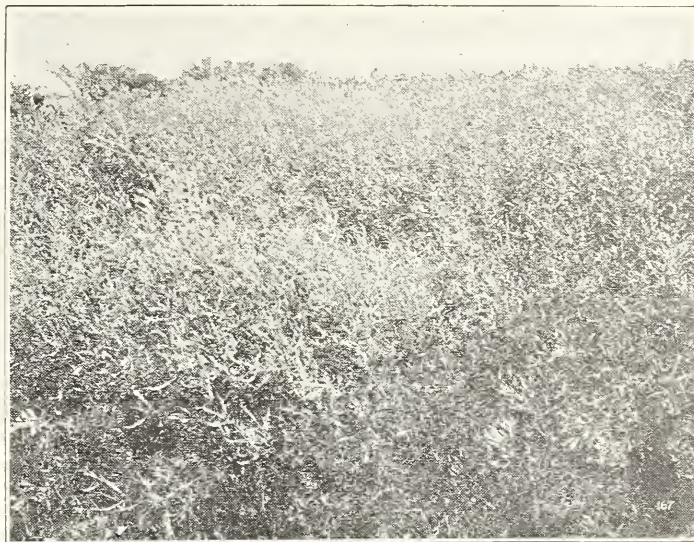
Alsike or Swedish—Suitable for Cold, Wet Land. Alsike Clover thrives on almost any kind of soil, but is especially useful on land that is too wet and cold for Red Clover. It makes a good quality of hay, and may be sown with timothy, as it matures at the same time. It is also good in pasture mixtures for wet land. Six to eight pounds of seed is sufficient for an acre.

White Dutch—Excellent for pasture and when mixed with Kentucky Blue Grass, makes the finest and most nutritious food for sheep and cows, used universally for lawns in the Northern section of the United States. Sow 5 to 8 pounds to the acre alone for pasture; for lawn, 1 lb. to 400 square feet.



Alsike Clover

FOR PRICES SEE PAGE 112



A Field of Sweet Clover

Sweet Clover prevents erosion. Will grow under conditions where clover and alfalfa fail; (a) on low, wet, alkali and acid soils; (b) on hard, compact soils; (c) on poor soil, especially where there is lime. Last and best of all, it is the Dry Land Farmers' Salvation, furnishing him with green manure so necessary and so hard to apply except through the plowing under process.

WHITE BLOSSOM SWEET CLOVER

Sweet White Blossom "Peerless"—Thoroughly cleaned, brightest color seed of the highest grade, its purity being 99% or better. None better anywhere at any price. Samples with quotations on any quantity cheerfully furnished.

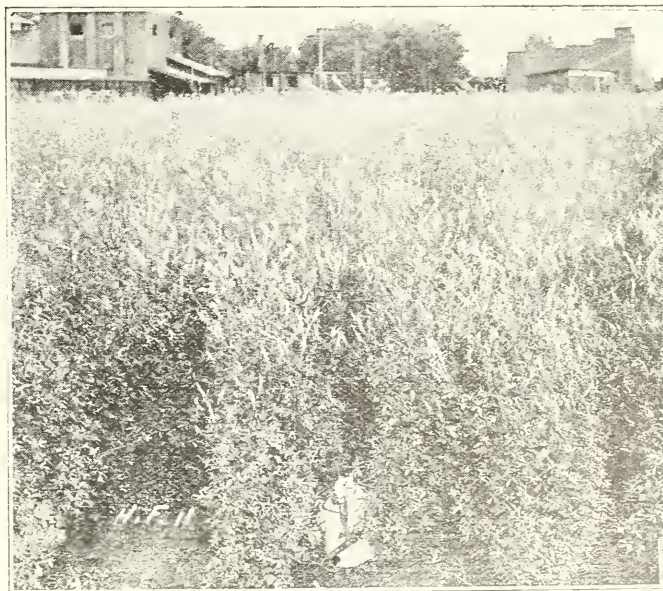
Sweet White Blossom "Placer"—Second only to our Peerless grade and running 98% pure or better. Don't overlook the fact that Sweet Clover should hold a very important place in your crop rotation.

Sweet White Blossom "Quartz"—This grade will run 90% or better purity and contains some unhulled seed.

YELLOW BLOSSOM SWEET CLOVER

Sweet Yellow Blossom "Peerless"—The growth of the plant is somewhat different. It has a more spreading habit of growth. Its production in hay is not equal to the White Blossom but is preferred by some for Pasture on account of its recovery in growth when closely pastured. Most of our demand for yellow comes from dairymen who seem to have a preference for the variety, claiming they can get more pasturage.

Sweet Yellow Blossom "Placer"—A good grade of seed, but containing some unhulled seed.



Field of Hubam Sweet Clover

HUBAM OR ANNUAL WHITE SWEET CLOVER

It looks much like the biennial or ordinary kind, but makes all its growth, blooms, and makes seed the first season. It will undoubtedly have great value as a quick clover crop for green manuring or for hay.

BLUE GRASS

Kentucky Blue Grass is a true perennial, lasting indefinitely. Its densely creeping root stocks, spreading habit, even growth, fine texture and rich green color renders it one of the finest grasses for lawns and pastures. It starts very early in spring, and under irrigation will furnish excellent pasture all season.

Our seed is imported direct from the most reliable growers in Kentucky. It is free from Canadian Blue Grass and other foreign seeds, is carefully re-cleaned, and is the best seed obtainable. For pasture it is mixed with other grasses.



Blue Grass (Kentucky)

The word "QUALITY" has perhaps been subjected to more abuse or misuse in the seed business than any other. As growers we realize our obligation to furnish seed stocks which we not only believe, but KNOW, are that standard of quality you, as buyers, expect of us—REAL QUALITY in every sense of the word.

MEADOW FESCUE

Also known as English Blue Grass. Produce a large amount of feed of good quality all through the season. Is one of the earliest of spring grasses and persists latest. Does not freeze out or winter kill. Very desirable for use in meadow and pasture mixtures. Live stock relish it highly. 18 to 22 lbs. of seed are sown to the acre.



Meadow Fescue

FOR PRICES SEE PAGE 112

RYE GRASS

(English or Perennial)

One of the Most Valuable Hay and Pasture

It has a high feeding value, is relished by all stock, and is good in both hay and pasture mixture. It does well on almost any soil, although it prefers rich loam or clay. It makes a quick, strong growth, and when sown thickly is excellent in mixtures for lawns or golf links.

SLENDER WHEAT GRASS

Or Western Rye Grass—This is a valuable native grass, very hardy and makes good hay. Much valued for crop rotation. Seed about 20 lbs. to the acre, and do not cover too deeply. Some growers advise the mixture of Red Clover with this grass and for hay this assures easier handling in harvesting. It has proven a valuable crop in Montana and also in North-western Canada. This is frequently called Blue Joint by farmers, and resembles it somewhat.



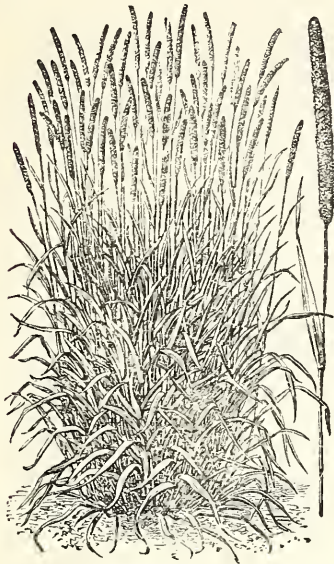
Orchard Grass

ORCHARD GRASS

One of our most useful grasses. Though it looks coarse, it is one of the earliest, most productive, nutritious and valuable of the cultivated grasses. It comes very early in spring, furnishing pasture earlier than other grasses. It makes good hay if cut as soon as in bloom. It is especially valuable, mixed with other grasses and clovers, for pastures and for sowing on logged-off land. It thrives in a great variety of soils and as its roots penetrate to a considerable depth, it withstands drought better than most other grasses on light, dry soils. Being a bunch grass, it is best mixed with other grasses. When used alone, sow twenty-five to forty pounds per acre.

RED TOP

A valuable grass for moist soils. It will flourish on wet un-drained soil, especially acid soil. Especially valuable for pasture and mixtures. Redtop is a very valuable grass to grow with Timothy and Clover, especially Alsike or Timothy. It fills the lower part of the swath and fills the bottom thereby increasing tonnage and forming thick heavy sod. When you have trouble getting a stand of grass, you should certainly try Redtop. It will succeed where others fail.



Timothy

TIMOTHY

As a crop for hay, Timothy is probably unsurpassed by any other grass. It is greatly relished by all kinds of stock especially horses. It yields more nutritive matter than any other grass or forage plant. It is not suited for a permanent pasture, as it will in the course of a few years, run out. It is, however, well adapted to early spring grazing, as it starts up quickly in the spring and in favorable weather can be pastured in the autumn as well. The largest crops of hay are raised on rich land. It is not suited for light, sandy soil as well as some other grasses.

Timothy is the standard grass for hay in all parts of the country, and although there may be other grasses equally as good or better for home use, it is demanded by the markets, and brings the highest price. The seed is sown at the rate of ten to fifteen pounds per acre.

SAVE VALUABLE SEED—It is like throwing money away to sow more seed than is necessary. Uneven seeding is just as wasteful. **With the Cyclone Broadcast Seeder** you can sow any kind of seed perfectly even over the ground at the rate of fifty acres per day and any desired amount per acre. It will pay for itself in the saving of seed in a few hours' work.

Alsike Clover and Timothy Mixed—Where Alsike Clover and Timothy are grown together, and the seed is saved therefrom, it is impossible in cleaning to make a complete separation of the two. On this account we purchase the seed for less money and we can sell it for less money than would be the case if a perfect separation could be made. Those desiring to sow Alsike and Timothy together can save considerable money by buying the seed of these two varieties together as originally harvested. This makes a splendid mixture for hay or pasture, with just enough Alsike Clover to make splendid hay for horses or dairy cows, carrying about 20 per cent of clover.

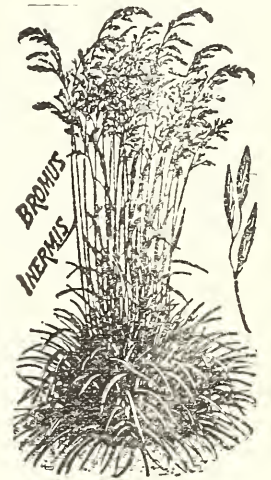
BROME GRASS

A wonderful drouth resister. A grass for the stock raiser. All cattle like it. Will drive out Russian Thistle, also Black Mustard. Drouth defying, frost resisting. Yields enormous crops of splendid hay and affords early and abundant pasturage. We have seen some very fine crops of Brome Grass and Alfalfa mixed, which makes an excellent hay for horses and cattle. Try it. These both mature and cure at the same time. Our peerless grade of this magnificent grass is unequaled for purity and high germination, and less seed is required to the acre than any other grade. From good seed, good crops grow.

Brome Grass is the chief pasture grass for many sections as it provides early pastures, withstanding drought and cold and forms a dense sod, very valuable where soil drifting is experienced.

There has been a decidedly increased demand during the past 2 or 3 years for pasture grasses and grasses to be used for the purpose of thickening up natural meadow lands. This is a move to be desired and encouraged. In many instances it will enable owners of extensive pasture land to care for their bands of sheep much more economically and increase the weight of fleeces at the same time eliminating losses, where land is fenced.

The introduction of beardless (also called smooth, Hungarian, and awnless) brome-grass (*Bromus Inermis*) into the arid and semi-arid regions of the West and Northwest has given the people of those states a pasture and meadow grass of great promise. It has already been proved that it will succeed under conditions that prove fatal to timothy, orchard grass, or alfalfa. The area planted is constantly increasing and the demand promises to be greater this spring than ever before.



SUDAN GRASS

Sow 10 lbs. per acre

The Greatest of All Forage, Grain and Hay Crops for Silo.

Sudan may be planted in cultivated rows, or close drills, or sown broadcast, but we recommend the last-named, using 25 to 30 lbs. of seed to the acre.

It is an annual and requires replanting each year; has no root stalks (as Johnson grass) and dies with the first frosts in the fall, is closely related to the sorghums (milo, maize, kaffir corn, etc.) but yields far more abundantly than any of these and the hay has more fattening properties. The Government, in fact, estimates that its feeding value is only 3 per cent less than alfalfa, and much greater than timothy or any of the common hays, while stock of all kinds eat it in preference to even alfalfa. **THERE IS NO OTHER FORAGE CROP KNOWN THAT WILL RESIST DROUTHS LIKE SUDAN** and it is therefore particularly adapted to semi-arid regions, yet it yields IMMENSE crops under irrigation and in rainy climates. In brief, Sudan solves the hay and pasturage problem for a very large section of the United States.

Many are the favorable comments we have had on Sudan grass in dry seasons, many farmers declaring they will increase their acreage the coming years on account of its ability to stand up under unfavorable conditions. We are therefore making special efforts to have a good supply of high grade Montana grown seed.



Sudan Grass

FOR PRICES SEE PAGE 112

HAVE A CROP ON YOUR ALKALI LAND

SOW ZAWADKE ALKALI GRASS

How to Grow it--

I have seen considerable of the Zawadke Alkali Grass and have fed it to stock. I find it to be extra good feed.

L. KELSEY,
Marion, Montana.



Alkali Grass in Shock—Cut with Binder

"Preparation of the Land," by John Zawadke

The land should be leveled, so that in the thawing or hard rains that more or less liquify alkali soils it will not run. When the surface soil moves in that way germination of the seed then in the ground is stopped and the plants fail. To re-seed without leveling will be but to repeat the failure. When the land is leveled it should be plowed and harrowed much the same as any other land. This Zawadke alkali grass seed should be planted 2 to 2½ lbs. to the acre. For pasture 3 lbs. may be better. It should be planted early in the fall or early in the spring so that it can form its roots before the land gets too dry.

The seeds seem to find their way a proper distance into the ground without covering, and my experience is that when I covered the seed were too deep and failed. It is better to keep stock off for a year or more so that the ground will not be tramped while the plant root is forming. This is especially important in the spring when the ground is very soft.

Manure on the surface seems to help at any time, and it may be disked, but I have found the best results by leaving it on the surface. Straw goes well as a surface dressing on alkali soils for this kind of grass. A heavy coat of straw is found to be very good on those patches where the alkali forms a white crust on the surface and the lye is so strong that it seems no plant can stand it. On these extra strong patches I have put on the straw and cut it with a disk and then give it the seed. This of course, after I had the land as level as I could get it. The surface should always be packed firmly before the seed is put in.

If it is not feasible to level the land, a covering of straw or manure will generally keep it from "flowing" when very wet. I have found it very satisfactory to sow the seed on such places and then cover the surface with straw or hay.

When these instructions are followed this grass will grow, and produce a large crop on either white or black alkali. It will make a fair crop the first year and a full crop the second year, and stand more summer drouth than any grass I have ever seen. The third year will be still better than the second.

Harvesting

When it starts up it grows very fast, and should be cut as soon as it is fully headed out. It commences to bloom when the head is about half way out of the boot. If the season is very dry it may not completely head out and it is better to cut it before it bleaches. Cut it under these circumstances when it commences to bleach.

Price 1 lb. \$1.50; 5 lbs. \$6.25, potpaid.

Grass Mixture For Permanent Pastures

Though many farmers so rotate their crops that permanency is not of great consideration, there are always locations that must remain permanent meadows. It is a known fact that failure is practically impossible when a mixture of grasses is sown. These mixtures are composed of grasses that give a succession of rich pasturage from early Spring to late Fall.

The following mixture has proven to be well adapted to Montana soil and conditions:

4 lbs. Brome Grass.	3 lbs. Clover, Medium Red.
4 lbs. Orchard Grass.	3 lbs. Alfalfa.
3 lbs. Timothy.	2 lbs. Clover, Alsike.
3 lbs. Kentucky Blue Grass.	

22 lbs. will sow 1 acre. Write for Price on quantity needed.

Hints on Sowing—Carefully prepare land. Pains taken before sowing will be amply repaid. Select a clear, calm day for sowing. Scatter the seed across the field in both directions to secure a more even distribution. If seed is sown in the Spring it should be done early while the land is cool and moist. If in the Fall, as far in advance of frost as practicable. Remember that Clover seed is much heavier than other kinds of grass seed and will settle to the bottom in any mixture. If not carefully remixed before sowing it will be patchy.

SPECIAL

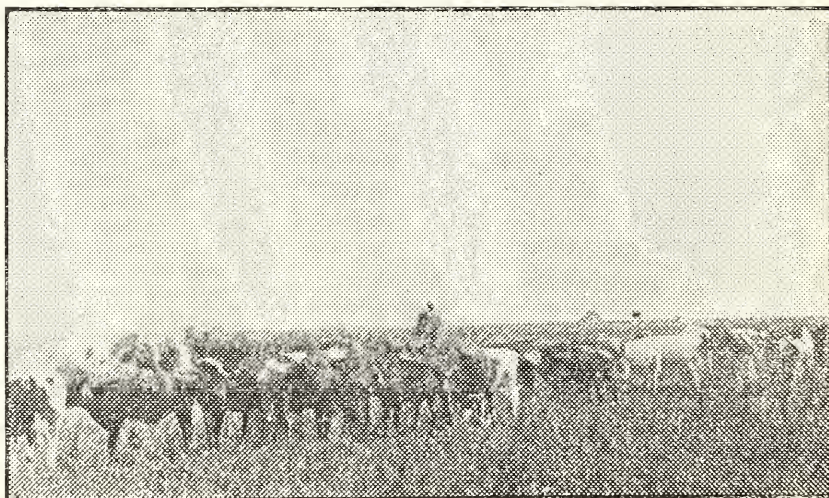
These few odd lots of seed priced considerably below their real value are bargains if you can use them.

Lot 1—about 1900 lbs. Alfalfa and White Sweet Clover mixed, contains about 60% Alfalfa and 40% Clover, per 100 lbs.....	\$17.50
Lot 2—about 200 lbs. Alsike and Sweet Clover, contains about 10% Alsike and 90% Clover, per 100 lbs.	13.00
Lot 3—about 700 lbs. Medium Red Clover, per 100 lbs.....	12.50

Write for samples specifying lot you are interested in.

SUMMER PASTURES

"An excellent plan in providing against shortage of pastures is to grow each year some of the supplementary crops, such as rye, millet, cow peas, rape, or sorghum, mentioned above to be used during the dry season. An excellent annual pasture can be made by seeding together in spring 1½ bushels of oats, thirty pounds of sorghum and ten pounds of mammoth or common red clover. The oats are ready for pasture in late spring and early summer, the sorghum comes on at its best in the hot midsummer, while the clover gives some fall pasture."



MILLETS

(18 to 24 lbs. per acre broadcast.)



The most striking feature of White Wonder Millet is the size of the heads. This illustration shows one-half size of one of the heads and many will be even larger. The heads will run from eight up to eighteen inches and a single head will have as many as 15,000 seeds.

The yield of White Wonder Millet is extremely heavy. Some growers of White Wonder Millet claim that it will outyield other millets three to one.

Another very desirable feature of White Wonder Millet is its earliness. This variety is much earlier than Golden Millet, but not quite as early as the Siberian variety.

The foliage is very heavy, the leaves broad, and therefore it produces an immense amount of excellent fodder which cures very rapidly.

We believe that on account of the earliness the immense yield of both grain and fodder, and the very vigorous growth which leaves the ground clean, White Wonder Millet will soon take first place among the millets.

GOLDEN OR GERMAN—In the north Millet is sown almost altogether for hay and for that purpose southern grown seed is much the best. It grows taller than does that from northern seed, and that means more hay. It is finer than that from the northern seed, and that means better hay. Millet seed produced in the north, even from southern seed, becomes what we call Common Millet. Not only does the plant change in character becoming coarser and much more dwarf, but the seed itself shows a change and is readily distinguished by those experienced in handling it.

SIBERIAN OR KURSK MILLET—This variety was first introduced into the United States from Kursk, Russia, in 1898. Extensive experiments were conducted at both the South Dakota trial stations which demonstrated the superiority of this new variety. As both a hay and seed producer it ranks very high. In dry seasons the weight and quality of the hay has been far ahead of Golden or Hungarian Millet. In favorable years the difference has not been so great but the results have always been in favor of the Kursk Millet.

EARLY FORTUNE MILLET—This is similar to Hog Millet, but red in color and has very large, coarse seed, which is fed extensively by poultry raisers. Popular in the North as it resists drought to a remarkable degree.

HUNGARIAN—(Dark Seed)—Often called Hungarian Grass. Many regard this as being better even than Golden Millet as it is about one week earlier and requires less moisture. The hay is fine and of excellent feeding value.

It is especially valuable on account of requiring such a short season to make a fine crop of most excellent hay. For this reason it is much used as a catch crop. It can be sown as late as the 4th of July with good results.

HOG OR BROOM CORN—This is grown for the same purpose for which other Millets are sown, but makes inferior hay unless cut very young. It yields enormously of seed, even 60 to 70 bushels to the acre, and this seed is very advantageously used for fattening swine and other stock, and is of special value for this purpose in sections where corn cannot be safely or cheaply grown. Seed also makes very fine feed for poultry or young chicks.

JAPANESE—"Billion Dollar Grass"—Entirely distinct from all other Millets. It grows from 6 to 9 feet high, stands up remarkably and yields enormous crops. When cured it makes good hay and in quality is superior to corn fodder. It is relished by all kinds of stock. Sow 10 lbs. in drills; 15 lbs. broadcast to the acre.

Japanese Millet makes an ideal growth on drained lake beds, peat bogs and wet lands where other crops would fail to grow. It may be seeded where clover or other grasses have been partially killed out from various causes and make a bumper crop of feed rather than weeds. Sow it with Dwarf Essex Rape about the barnyards for pastures for the pigs, calves and sheep. Seeded thickly it makes good pastures for all kinds of stock when most needed during the fall.

INOCULATE THIS
SEED WITH
FARMOGERM

SOY OR SOJA BEANS

Valuable for silage, hay, for hogging off and as a soil improver. They resemble the navy bean in appearance but grow considerable taller. When planted with corn for silage the total yield per acre is increased and the feeding value of the silage improved. For hay they are valuable as an emergency leguminous crop where clover has been winter killed; equal to clover in feeding value and one of the best annual clover substitutes. Like clover they gather nitrogen from the air.

For hay, plant 60 to 90 lbs. per acre in rows 20 to 36 inches apart. Harvest when pods are well filled and leaves commence to turn. Allow to wilt in swath then rake up and place in small cocks. Curing sometimes requires several days and should be thorough. Soy Beans drop their leaves quite easily and should be cut before any number have fallen. They should be handled as little as possible to retain the most leaves.

For hogging off, plant 30 to 60 lbs. per acre in rows 20 to 42 inches apart. 20 inch rows can be made by straddling every other row with the corn planter. As soon as the beans are mature turn in the hogs to harvest the crop.

Wisconsin or Early Black Soy Beans

Be sure to get the genuine extra early variety. They grow from 18-30 inches high and mature in 65 to 70 days. They are one of the best yielders of beans and best suited for hogging down.

The Manchu is a good yielder and hence is popular with the farmers. The yield runs around 20 bushels to the acre and the oil content is from 18 to 24 per cent. In habit of growth the Manchu is low branching.

Ito San is earlier than Manchu with a good growth, but with somewhat lower oil content. In general it is a good yielder and one of the best early beans. The yields of Ito San are about 15 bushels of seed per acre and the oil content runs from 15 to 17 per cent.

INOCULATE THIS
SEED WITH
FARMOGERM

FIELD BEANS

Great Northern Navy—This variety seems to be especially adapted to Montana soil and climate, and is being grown in increasing quantity each season. In our opinion it leads all other varieties of Navy Beans—when the real test comes—at the table. Its flavor and tenderness as a baked bean are "par-excellence." Sow 16 to 24 lbs. to the acre.

Do you know that the bean has come into its own and that beans have come to occupy a very prominent place among the crops of the diversified farmer.

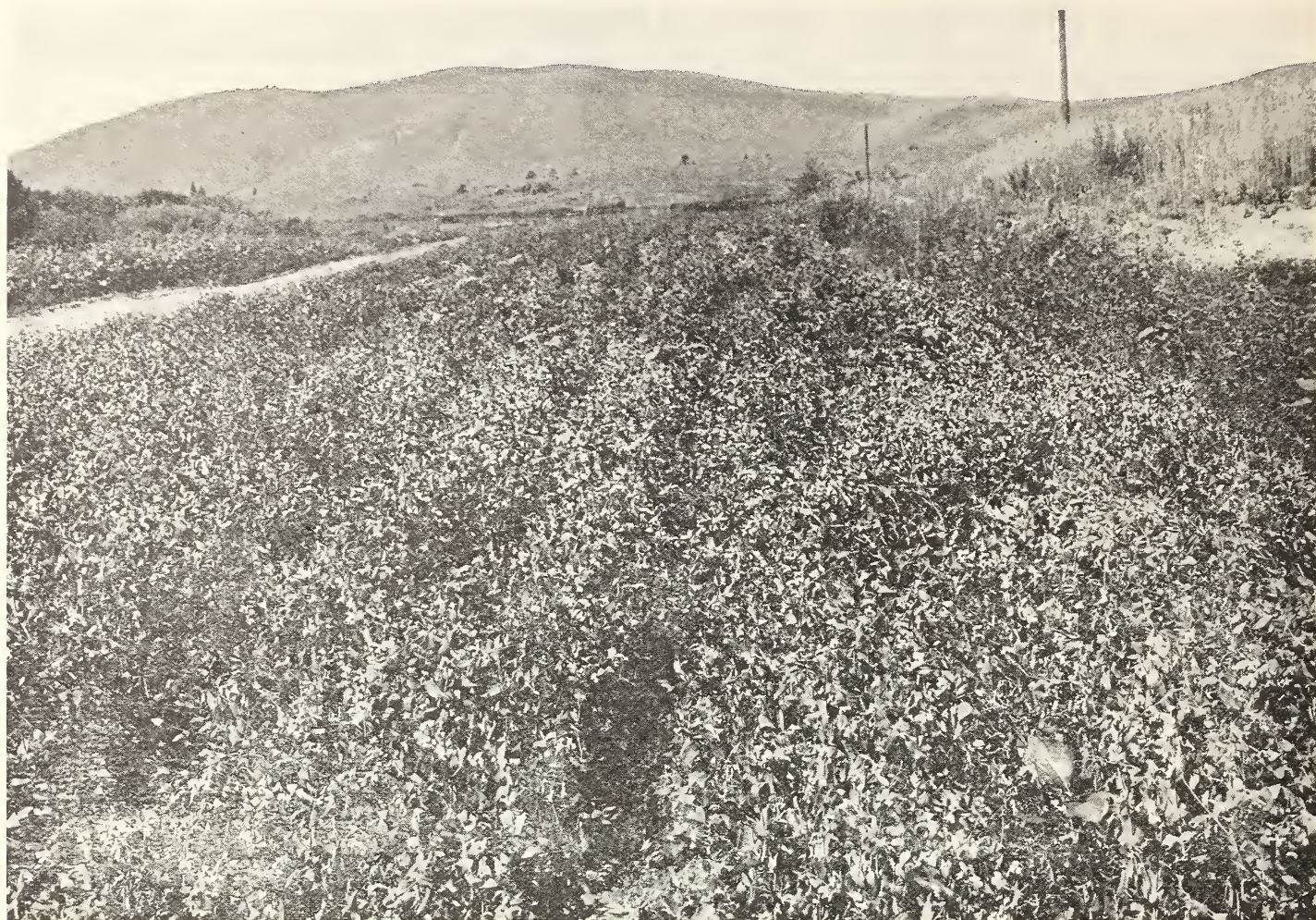
Are you aware that the bean hay is very nutritious and in fact is so rich that it cannot be fed as a straight feed? It brings a higher price per ton than alfalfa and a ton of bean hay is said to equal in value for feeding purposes one and a half tons of alfalfa.

The bean is a product that can be successfully grown on non-irrigated lands. For the farmer living at great distances from the market it should supplant wheat to a large extent. A wagon load of beans represents nearly five times the value of a similar load of wheat.

The Great Northern bean sells for top and is in great demand. Try a few this year and you will find that Montana has other possibilities than wheat.

We hope to have the pleasure of serving you in 1924, assuring you good seeds, good service and a full measure of satisfaction.

FOR PRICES SEE PAGE 112



Canada Field Peas in our Trial Grounds

Inoculate this
Seed with
FARMOGERM.

FIELD PEAS

Inoculate this
Seed with
FARMOGERM.

(60 to 75 lbs. per Acre in Drills; 75 to 120 lbs. Broadcast.)

Peas are second only to clover in their soil-enriching properties and can be grown under any conditions of soil or climate. There is always a ready market for peas, or they can be profitably ground and fed to stock. The vines make rich, nutritious hay. If fed to milch cows, when in a green state, pods, vines and all, the flow of milk will be almost doubled. Peas are a paying crop and can be profitably planted in many ways.

Canada—Canada Peas are one of the most useful and valuable legumes that can be grown by the northwestern farmer. They grow from 3 to 4 feet high and the crop can be used in any manner, as ensilage, or plowed under for green manure.

White Marrowfat—These large handsome Peas are equally as profitable to grow as a field crop and on account of their size are salable at all times at the top of the market, as well as providing the table with an extra good pea during summer. Very heavy yielder, producing from 30 to 40 bushels per acre; these peas being softer than the Canada Pea, are preferred by hogs or stock.

Alaska—An early maturing Pea which is becoming quite popular because it stands up well in the field, and can be cut from either side, and is a heavy yielder. This is one of the varieties sought after by the canners.

Early May—This is an extra early clean smooth white Pea similar to the Canada but can be used as an early table Pea to advantage. Yields 30 to 30 bushel per acre on favorable soil.

Bismark—Probably the best variety for dry farming, gives a splendid crop in favorable seasons.

Raise some Field Peas this year; its one of the most profitable Crops.

FOR PRICES SEE PAGE 112

Inoculate this
Seed with
FARMOGERM.

VETCHES

Inoculate this
Seed with
FARMOGERM.

Like all leguminous crops, Vetch gathers nitrogen out of the air and deposits it in the tubercles on its roots. In order to carry out this process it is necessary that the seed be inoculated or the young plants will not grow as healthy and vigorous as otherwise. Although many of our customers report they are able to grow without inoculating, it seems that one is taking chances when inoculating can be done easily with Farmogerm.



WINTER VETCH

Winter Vetch—Known also as sand or hairy Vetch. Although called Winter this variety must be sown in Spring in Montana as it will not withstand our Winters, its advantage is that usually it produces a heavier tonnage per acre than the Spring Vetch. This variety requires a good soil, is frequently sown with oats or barley, with which it makes excellent feed.

Spring Vetch—This is a very valuable forage plant and is rapidly becoming popular each year as the farmers are learning more of its great value for forage and fertilizing purposes. It succeeds well on nearly all soils and thrives surprisingly on poor light land. It improves the soil, being a great nitrogen gatherer. It belongs to the pea family, but the vines are much longer and the foliage is more abundant. May be sown with about half bushel of rye or oats for support. It grows rapidly and is particularly valuable in sections where clover does not thrive.

SORGHUM OR SUGAR CANE

(15 lbs. per Acre, Drills; 50 lbs. Broadcast.)

SORGHUM—Minnesota Amber Cane—Montana grown. This is the type best suited for syrup.

The Early Amber is the most common variety of Cane grown; there are two ways of planting it; one is by broadcasting, sowing from one to two bushels per acre, the other is to drill with a corn planter and cultivate the same as you would corn. It can be grown on any soil or in any climate from Maine to California. It will thrive on the richest land you have, or on the poorest, and it is one of the greatest destroyers of obnoxious weeds in existence. It can be sown any time from April to July and be harvested any time between the time it is a foot high and the first freezing weather. Try a little cane this year; you will be surprised at the wonderful results you will secure from it.

FETERITA

(3 to 4 lbs. per Acre in Drills.)

FETERITA—A wonderful new grain which has attracted considerable favorable attention in Kansas, Missouri and Oklahoma. It belongs to the Sorghum family. It was introduced from Africa by the United States Department of Agriculture. The advantages of Feterita are its drouth resisting qualities, its heavy yield, its earliness, its stooling propensities and its freedom from insect pests. It is of medium height and about equal to Kaffir Corn in feeding value. Feterita successfully withstood dry weather in Kansas and nearby states during 1913 and yielded more under these unfavorable conditions, 35 bushels per acre and more. Under proper conditions, it will yield 60 to 75 bushels to the acre. It branches very freely from the roots, making from three to eighteen heads from a single stool. It is from two to three weeks earlier than Kaffir Corn, and should successfully mature in the north. Culture same as for Kaffir. The chinch bugs will consume other crops, but seem to leave Feterita entirely alone.

KAFFIR CORN



Kaffir Corn

Kaffir Corn—White Seeded

An excellent fodder plant, yielding two crops of fodder during the season. It grows 4 to 5 feet high, making a straight upright growth. The stem or stalk bears enormous wide leaves. The stalks are brittle and juicy not hardening like other varieties of Sorghum. It makes excellent fodder, either green or dry, which is highly relished by cattle and all kinds of stock. The seed crop is also heavy. Sometimes 50 to 60 bushels to the acre. For grain, sow in rows 3 feet apart, 3 to 5 lbs. to the acre. For fodder sow 40 to 50 lbs. either broadcast or in drills.

BUCKWHEAT

(35 to 40 lbs. to the Acre.)

SILVER HULL BUCKWHEAT—The grain is of a beautiful light gray color, and has a thin husk. Millers prefer Silver Hull, there being less waste and it makes whiter, better and more nutritious flour than other varieties. Silver Hull is more productive and the grain meets with a more ready sale. Under favorable conditions it will yield 40 to 50 bushels an acre.

Japanese—The grain is large. It yields heavy, ripens early, stands up well, and the flour is fully equal to any other. It remains a long time in bloom and is excellent for bee pasture.

FLAX

RUSSIAN—The standard sort used in the northwest. It requires special machinery to make seed of any grain and this is especially true of flax. Cleaning Flax so as to make it "right" for seed is a somewhat expensive operation and involves a very considerable waste. But write for sample, use the magnifying glass and compare it with flax from the farm or elevator and judge for yourself if our seed is worth to you all it costs. Spray your flax with formaldehyde before seeding.

With small grain prices below the point where a profit can be made why not grow Flax. Yields are frequently equal to Wheat and at the present market quotations will bring nearly three times the money.

FOR PRICE SEE PAGE 112

SUNFLOWER

(10 lbs. to the Acre.)

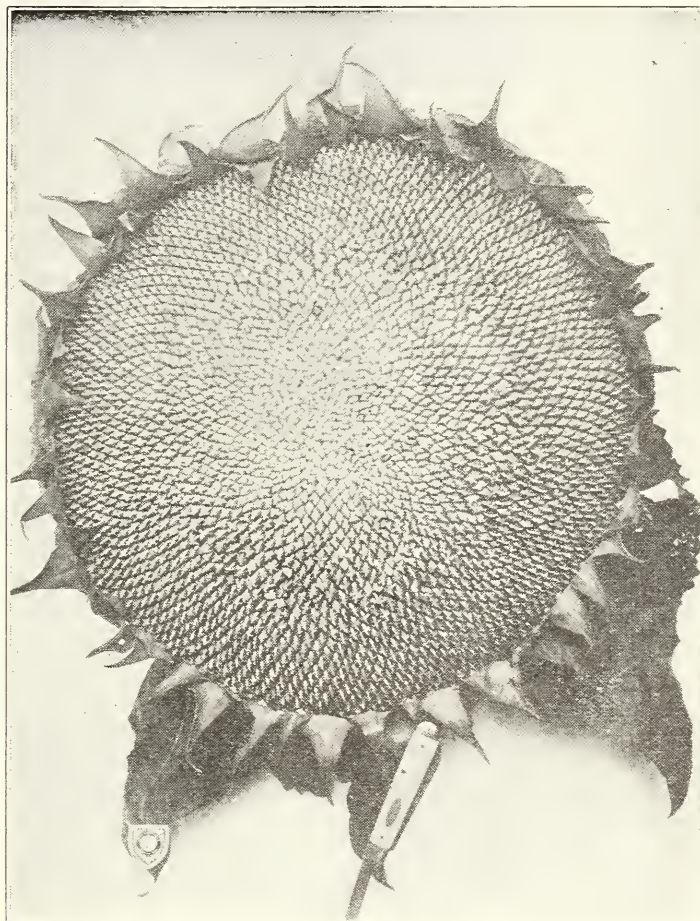
SUNFLOWERS FOR SILO

There has during the past 3 years been a good deal of experimenting with Sunflower for Silo work and with very gratifying results. The best proof for this is the increasing number of silos being built and contemplated to handle the crops. The dry land farmer should be particularly interested in this crop as it means so much to him in tonnage or fodder. It will yield 200 to 300 per cent more than any other crop we know of and is relished by stock and dairy cattle. Bankers will make loans easy where a crop of sunflowers is in sight. They realize that cheap feed is the salvation of the farmer who depends on rainfall to make his crops.

SEEDING AND CULTIVATION

Sow sunflowers in rows wide enough apart to permit cultivating between them at the rate of about 10 lbs. per acre. Cultivate frequently until the plants are from 12 to 18 inches high.

Mammoth Russian—Single heads measure 15 to 22 inches in diameter, and contain an immense amount of seed, which is highly valued by farmers and poultry breeders who have tried it. It is the best egg producing food known for poultry. It can be raised cheaper than corn, and is destined to be an article of great value.



Sunflower Seed Head

RAPE

(Sow 2 to 3 lbs. to the Acre in Drills; 5 lbs. Broadcast.)

Use of Dwarf Essex Rape—Dwarf Essex Rape thrives best on a good soil, rich in vegetable matter. Slough lands are excellent. This plant may be grown successfully in the following ways, viz: 1. In the early spring, to provide pasture. 2. In June or July, on well prepared land to provide pasture. 3. Along with grain using 2 lbs. of seed an acre, to provide pasture for sheep after harvest. 4. Along with peas, oats, clover seed, to provide pasture and to get a "catch" of clover. 5. As a cover in the orchard for winter protection to avoid root-killing. 6. In corn, sowing the seed with the last cultivation; the succulent feed produced may save the loss of cattle by corn stalk disease. Prevention is better than medicine in regard to this fatal disease. 7. Along with rye, sown in August, in sheep pasture. 8. On early plowed fields to shade the land and so that the soil will not bleach, wash or drift. 9. To plow under as a green crop, adding humus to the soil, an element needed in grain growing sections. When rape is sown broadcast, 5 lbs. of seed an acre will suffice. When sown in rows, say thirty inches apart and cultivated, from 2 to 3 lbs. per acre will be enough.

SEED GRAINS

Our aim is to supply the best Montana grown grain procurable. We clean and separate all grain with modern machinery. Comparison with ordinary seed stocks will convince you of their superiority.



This Shows why Victory Oats are so Popular

OATS

New Victory—The high yield of this variety is particularly striking on heavy and medium soils. The smallish spikelets bear a certain resemblance in panicle construction, to the Golden Rain Oat, but it is easily distinguished from the latter by its white, slightly bearded (not altogether awnless) grain. The panicle is rather small but compact and rich, with stiff branches, the spikelets are short, usually only two-kernelled. The grain is white of medium size, short and broad. The straw is of medium height, particularly firm and elastic. The stooling ability is good and the development in the field is remarkably regular and pronounced.

Newmarket—A favorite wherever grown. This White Oat succeeds well on all soils on account of its robust and vigorous constitution and is one of the most attractive sorts grown in the West.

Remarkably early and an enormous cropper, kernel extra large and plump, very thin hull, stiff straw and a heavy yielder. It has produced 132 bushels per acre on the farm where our seed was grown and being such a splendid yielder is very much in demand for seed.

Swedish Select—These originated in Sweden and they seem to be adapted to the growing conditions of the Great Northwest better than any other of the improved foreign Oats. They retain splendidly the vigor, hardiness and productivity that were bred into the original parents.

These Oats ripen fairly early, the straw is of medium height, strong and stiff. The grain is white, thin hulled, and plump. Weight per measured bushel, 40 to 45 lbs. The spikelets are small and usually two-grained. The shoots are abundant and the development in the field is strikingly regular and ample.

Montana White or Big Four Oats—A large plump grain, preferred by many to the Swedish Select, which it most nearly resembles.

FOR PRICES SEE PAGE 112

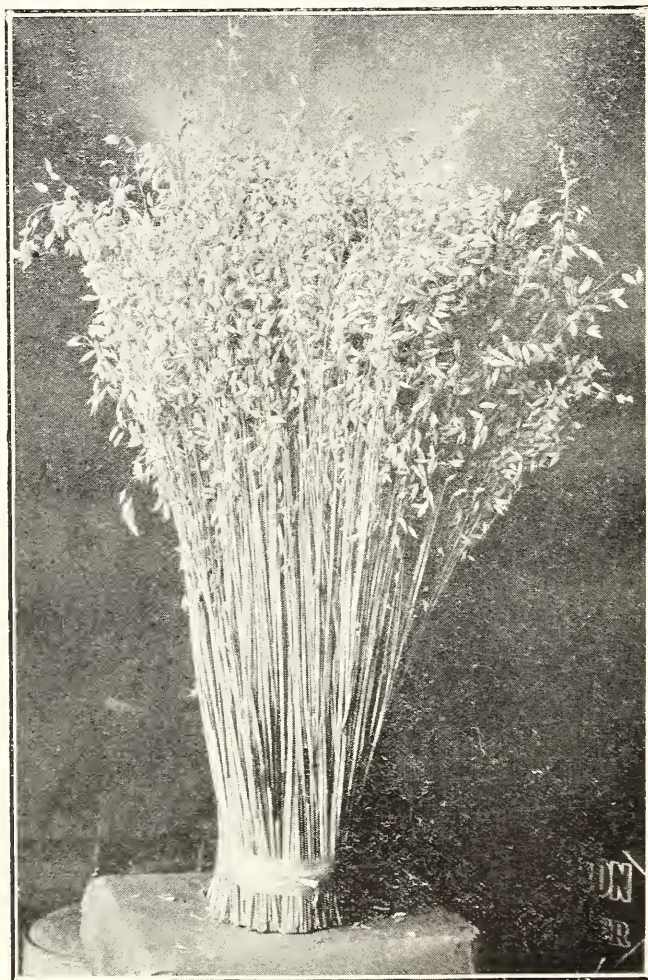
HULLESS OATS—OTTOWA NO. 480

Something new, novel, profitable and useful, our first offering of Hulless Oats. The principal use of these Oats is as a cereal, chick feed or hog feed. A boon to the cereal manufacturer and to the poultryman. Just consider for a moment the tremendous advantages of growing and marketing Oats without hulls, especially when the yield in bushels is equal and sometimes better than ordinary Oats. Our grower says the first year the Hulless Oats produced 65 bushels of 45 lbs. per acre or better than his ordinary Oats planted at the same time. The Brandon Manitoba Experimental Farm reports the average yield in a 3 year test on stubble land as 40 bushels 26 lbs. and the average number of days to maturity as 95. Standard weight per bushel 45 lbs. The stock is quite limited. We therefore suggest that if you are interested in this novelty that you place your order early.

10 lb. bag \$2.50; postpaid \$2.75.

Australian Oat—White Cloud—This oat was first introduced to America at the time of the big International Fair at San Diego, Cal. A Montana grower was very much interested in this variety and harvested a good crop in 1918. Sowing all in 1919 and losing crop by drouth, finding a few kernels (28) he started in again. In 1922 we purchased the entire lot at a fancy price and had them grown for distribution this year. They yielded an average of 70 bushels to the acre (excellent for 1923 on account of grasshopper damage). The peculiar fact about the crop was that the portion seeded on summer fallowed dry land produced about 4 bushels per acre more than the irrigated crop. Although our stock has been well cleaned there is an occasional wild oat. Eliminate these in your field and you will have oats to be proud of. Good stout straw, medium height with heavy heads.

Price per 100 lbs. \$4.00, F. O. B. Helena.



Australian Oat—White Cloud

SPRING WHEAT

Red Bobs—A beardless hardy spring wheat of excellent milling quality, somewhat similar to Marquis but ripening earlier by 3 to 4 days. The variety shows up particularly well on dry land having produced 65 to 70 bushels per acre the past season. Our grower reports it the earliest of all spring wheats. U. S. and Canadian experiment stations report the variety earlier than Marquis and the Moccasin Montana station report Red Bobs consistently out yielded Marquis. Our stock was grown from seed secured at \$24.50 per bushel from the Canadian Champion Wheat Grower, Segar Wheeler.

Marquis Wheat—The wheat you will eventually buy. Unquestionably the best wheat for the northwest. Matures a week to ten days earlier than Red Fife; yields 15 to 20 bushels to an acre more than Red Fife; and for milling purposes grades No. 1 hard. Kernel is hard and flinty, a little darker than Red Fife and more plump than that variety. It is beardless, having smooth yellow chaff. Marquis wheat is the earliest, hardiest and heaviest yielding Spring Wheat adapted for northwestern conditions.

Soft Spring Club—An old favorite, grown especially for consumption at home for feeding purposes, a heavy yielder under irrigation. Probably the heaviest yielding soft Wheat known. We have records of 70½ bushels per acre being grown, and the crop from which our stock is selected produced 65 bushels this season. We believe our stock to be equal to the best in the country.

DURUM — Kubanka Macaroni — White Bearded—In the field this Wheat grows very strong and with surprising rapidity, so rapidly as to get well ahead of the weeds. It does not shell or bleach and is also hail proof owing to the tightness of the hull. The straw is very strong.

DURUM — Pelisse Macaroni — Black Bearded—Having yellow chaff and long black beards has proved to be the largest yielder of all Durums. The kernel is large, being about 1-3 longer than the other varieties of Durum. Until a few years ago this variety was comparatively unknown but its large yielding and drouth resisting qualities have given it so much publicity that it has been raised with great success on many farms in Montana and North Dakota during the past three years. We can highly recommend this wheat as the largest yielder of any Spring Wheat now grown in Montana.

WINTER WHEAT—Turkey Red—For delivery in July, write for sample and price. We offer a true strain of the Old Reliable Turkey Red. The Farmers' and Millers' Friend.

WINTER WHEAT—Kanred—This variety was introduced by the Kansas Experiment Station, it being a selection of the hardiest Prolific Turkey Red. It is classed as a high grade milling variety and highly recommended by millers. In a three year test the Montana Experiment Station reports a yield of 47 8-10 bushels per acre.

WINTER WHEAT—Montana No. 36—Recommended very highly. It withstands drought and winter killing better than other varieties which have been bred up from Turkey Red at the same time holding a high place as a milling wheat. In a 3 year test at Montana Experiment Station it yielded 51 6-10 bushels per acre.

WINTER WHEAT—Burbank Super—Not a high grade milling variety, but a profitable one to grow if fed on the farm as it yields enormously under favorable conditions.

Extracted from Agricultural
Experiment Station

29th Annual Report Feb. 1923

OATS—The highest yielding variety the past season was Victory averaging from 3 plots 138 bushels per acre.

BARLEY—The outstanding varieties are Trebi and Beldi. These yielded about 10 bushels per acre more than other varieties, the average yield the past 4 years being 104 bushels per acre.

WHEAT—During the past 4 years Kanred averaged 2 bushels per acre more than No. 36, its nearest competitor.

FOR PRICES SEE PAGE 112

Wheat—Specimen Head
Spring Club



Dakold or No. 959, Fall Rye—Crop of 1922

SPRING RYE

SPRING RYE—True stock. Spring Rye makes an excellent crop where winter grain has been killed out, or for sowing where a fall crop has not been planted. For the dry farmer needing a sure crop of hay, Rye can be depended on to produce a good tonnage of excellent hay. Does not grow quite so large straw as Winter Rye, but usually yields well and grain is of fine quality. We call particular attention to the fact that we offer genuine Spring Rye.

FALL RYE

Fall Rye—Amber—Winter Rye is much hardier than Wheat and can be grown in a greater variety of soils. It will thrive in dry seasons and on light sandy loam. It is grown for grain, fodder, soiling purposes and green manure. Sow Aug 20th to Sept. 15th—1½ bu. per acre if for grain, and 1½ to 2 bu. per acre for Fall pasture. If drilled 2 to 2½ in. deep there will be less danger of Winter killing. Our seed is selected, graded, and thoroughly cleaned.

FALL RYE—"Rosen"—Rye cross-breeds like corn. In this respect it differs from wheat, which will not cross fertilize. If two or more kinds are grown together for years. To keep a pure rye pure, it should be grown away from a common crop, like you must grow yellow corn distant from white corn.

Farmers who have grown rye know that 15 to 20 bushels per acre is about what they can expect. Such farmers, who changed to the Rosen Rye, are now getting 25 to 30 bushels, and 40 to 50 bushel yields are not very uncommon.

FALL RYE—Dakold or No. 959—The Dakold Rye is the result of a selection made at the North Dakota Experiment Station some years ago. The North Dakota Station has found that this rye is the best variety for their conditions, where hardiness is an important factor.

The seed we offer for sale produced about 40 bushels per acre and carries the registration tag of the Montana Seed Growers Association. The seed from which the crop was grown traces direct to the North Dakota supply and has been grown in such a way that it has complied in every respect to the requirements of the Montana Seed Growers Association.

FOR PRICES SEE PAGE 112



Rosen Fall Rye—Crop of 1922, Yield 40 Bushels per Acre

SPELTZ OR EMMER

PREPARE NOW FOR SPRING

The demand for good seeds is insistent. The Dept. of Agriculture, Washington and State Experiment Stations are of constant benefit to farmers. Watch them—they will advise well. They consistently advocate good seeds of known origin. Our business is to supply the best. WE DO. The accumulated endeavor of years, as represented in our business, is at your service. Thousands of customers year in and year out can testify to our high grade seeds and to our service.



SAMPLES

We are always ready and willing to send samples of all grass and field seeds for your inspection. Don't hesitate to write and request samples in these lines at any time. We want you to know just what our seeds are before you buy and we will ship exactly the quality we furnish as sample.

Speltz Grown for Seed on Our Farm Which Yielded Over 50 bu. Per Acre

(Sow 70 to 80 lbs. per acre.)

White or Spring Emmer or Speltz is very similar to Barley in appearance and growth, and is especially adapted to the semi-arid districts of the Northwest and can be relied upon to produce a fair crop even under the most adverse conditions. It produces heavy yields of grain, and straw which is equal in value to oat straw. Its extreme hardiness and drought resisting qualities, together with yielding qualities that surpass any other cereal makes it a grain of the utmost importance to the farmers in the North and Northwest.

Our seed stock has been bred up from the most hardy, high yielding strains, and has been carefully re-cleaned and graded and we believe that we are in a position to furnish you with the best that can be produced, and we know that it will prove to be the cheapest and best feed which you have ever grown upon your farm.

GROWING THE CROP

Soil—It will grow on any soil or in any climate where any other grain crop will grow.

Preparation of the Seed Bed—It can be sown on ground prepared the same as that upon which you would plant barley, wheat or oats. It is grown broadcast or by the use of a press drill.

Harvesting—Cut the grain when it is a little past the silk stage, when it will make a splendid grain and lots of straw.

BARLEY

White Hulless—No Barley of which we have knowledge has proved so valuable to the stock raiser as the White Hulless. It is not a malting variety, but for feeding purposes there is no Barley its equal in earliness, yield and quality.

Its Valuable Properties—It is hulless, beardless, and early; it weighs over 60 pounds to the measured bushel; yields well on good land; makes better pork than corn; it is of inestimable value to everyone who feeds stock. It is often grown for hay, coming very early and providing rich food. It should be cut just before it becomes ripe and while the straw is green. In this condition it is relished by all kinds of stock. The straw is stiff and straight, and seldom if ever does it lodge. Use 50 lbs. seed to acre on dry land for grain crop.

BARLEY—Guy Mayle—(Bearded Hulless)—A blue barley similar to the White Hulless, but claimed to be a heavier yielder. It is a cross between the Black variety and the White, and requires the same treatment as the White Hulless.

Trebi—A new 6 row introduction especially suited for irrigated lands. Bozeman reports their average for the two past seasons as 95 bushels per acre. Aberdeen Station (Idaho) reports average yield for 8 years 79 8-10. Trebi requires less time to mature than Chevalier. The straw is of medium height, and fairly stiff, so that it is less likely to lodge than other varieties.

Hannchen—Two row—We quote Moccasin Experiment Station report. "We consider Hannchen to be one of our best varieties of barley and prefer it for the dry lands of Central Montana to White Smyrna Barley which has been considered our highest yielding variety of barley in the past. The average yield of Hannchen at this station is equal to that of White Smyrna and both varieties are two rowed barleys very similar in most respects. Hannchen, however, is later maturing and has a longer straw than White Smyrna and is to be preferred to the latter because of its greater height, enabling it to be harvested more easily."

Six-Row Manchury—This is an especially fine six-rowed barley. It has been highly improved so that it will produce plump grains with the greatest protein content, as well as strong, stiff straw and long, well-filled heads. In quality, both as to feeding value and for malting purposes, no other barley excels it. It yields abundantly and is early and very vigorous in growth. Seldom does a field of this grain lodge.

**SEE NEXT PAGE FOR PRICES
OF ALL FIELD SEEDS.**

No. 1.

CURRENT PRICE LIST

January, 1924.

FIELD SEEDS

Clover, Grass, Seed Grains, Etc.

THE PRICES QUOTED REPRESENT VALUE ON THE DATE OF ISSUE. (JANUARY 1, 1924) AS THE SEASON ADVANCES, PRICES MAY FLUCTUATE SOMEWHAT. WHERE A CHANGE IN SEED VALUES TAKES PLACE, IF HIGHER, ORDERS WILL BE FILLED TO THE FULL VALUE OF REMITTANCE RECEIVED, IF LOWER, BALANCE OVER REMITTED WILL BE RETURNED.

(Prices Subject to Change Without Notice.)

All Quotations are F. O. B. Helena.

ALFALFA

PAGE 101

	lb.	5 lbs.	10 lbs.	100 lbs.
Grimm, Registered Sealed bags	\$.60	\$2.90	\$5.50	\$50.00
Cossack, Registered sealed bags	.65	3.00	5.75	55.00
	lb.	10 lbs.	100 lbs.	
Liscomb, "Peerless"	\$.40	\$3.50	\$34.00	

PAGE 102

Hardy Montana, "Peerless"	.38	3.50	33.00
Hardy Montana, "Placer"	.33	3.00	27.50
Hardy Montana, "Quartz"	.28	2.50	22.00
Imported Turkestan	.35	3.25	29.00

CLOVER

PAGE 103

Medium Red, "Peerless"	.35	3.25	30.00
Medium Red, "Placer"	.33	3.00	28.00
Mammoth Red, "Peerless"	.38	3.50	33.00
Alsike, "Peerless"	.30	2.80	26.00
Alsike, "Placer"	.28	2.60	24.00
White Dutch "Peerless"	.70	6.50	60.00
White Dutch, "Placer"	.65	6.20	58.00
Sweet White, "Peerless"	.20	2.00	16.00
Sweet White, "Placer"	.18	1.75	14.50
Sweet White, "Quartz"	.15	1.50	12.50
Sweet Yellow, "Peerless"	.20	2.00	17.00
Sweet Yellow, "Placer"	.18	1.75	15.00
Hubam Annual White Sweet "Peerless"	.28	2.60	23.00

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BLUE GRASS (Kentucky)

"Super Grade"	.50	5.00	48.00
"Peerless"	.40	3.65	38.00
"Placer"	.30	2.90	33.00

MEADOW FESCUE—English Blue Grass .25 2.00 17.50

PERENNIAL RYE GRASS .25 2.25 19.50

SLENDER WHEAT GRASS .15 1.30 10.00

ORCHARD GRASS .30 2.75 25.00

RED TOP

"Peerless"	.30	2.50	22.00
"Placer"	.25	2.25	20.00

TIMOTHY

PAGE 105

"Peerless"	.15	1.25	10.00
"Placer"	.12	1.15	9.00

Timothy & Alsike 20% Mixed .20 1.70 13.50

BROME GRASS .18 1.50 11.25

SUDAN GRASS .15 1.25 10.50

PAGE 106

	lb.	5 lbs.	10 lbs.
ZAWADKE ALKALI GRASS Postpaid	1.50	6.25	12.00

PERENNIAL PASTURE MIXTURE Write for Price

MILLET

PAGE 107

	lb.	10 lbs.	100 lbs.
White Wonder	.40	.80	4.75
Golden or German	.40	.80	4.75
Hungarian	.40	.80	4.75
Siberian	.40	.75	4.50
Early Fortune	.40	.70	3.75
Hog or Broom Corn	.40	.70	3.75
Japanese	.42	.90	5.25

SOY BEANS

Wisconsin Early Black	.15	1.25	9.50
Manchu	.15	1.25	9.50
Ito San	.15	1.25	9.50

NAVY BEANS—Great Northern Navy,

commands the best market price .16 1.40 11.00

PEAS—FIELD

PAGE 108

White Marrowfat	.12	1.00	7.50
Early May or Canada	.10	.85	5.50
Alaska	.15	1.25	9.50
Mixed	...	...	4.50

VETCH

Spring	.15	1.25	10.50
Winter or Hairy	.25	2.30	20.00

PAGE 109

SORGHUM—Minnesota Amber Cane Mon-

tana Grown .40 .75 5.00

FETERITA—Montana Grown .42 .90 6.25

KAFFIR CORN—White Seeded .10 .80 6.00

BUCKWHEAT

Silver Hull	.40	.75	5.50
Japanese	.40	.75	5.50

FLAX—Montana Russian—Bu \$4.00 .42 1.00 7.00

SUNFLOWER—Mammoth Russian .15 1.25 10.00

RAPE—Dwarf Essex .20 1.50 12.50

OATS

PAGE 110

Australian White Cloud			4.00
New Victory			2.50
Newmarket			2.50
Montana White or Big Four			2.50
Swedish Select			2.50
Hulless (New)	.30	2.50	

SPRING WHEAT

PAGE 111

	Bu.	10 bu.
Red Bobs	\$2.50	\$22.50
Marquis	1.75	15.00
Soft Spring Club	1.75	15.00
Durum Kubanka	1.75	15.00
Durum Black Bearded	1.75	15.00

Add Postage if Desired by Parcel Post

FIELD SEEDS—Continued**WINTER WHEAT PAGE 111**

Turkey Red, Ready in July, 60 lbs.	Write for price
Mont. No. 36, Ready in July, 60 lbs.	Write for price
Kanred, Ready in July, 60 lbs.	Write for price
Burbank Super, Ready in July, 60 lbs.	Write for price

RYE

	100 lbs.	1000 lbs.
Spring	\$3.00	\$29.00
Fall Amber	2.00	19.50
Fall Rosen	2.75	26.50
Fall Dakold or No. 959	2.75	26.50

PAGE 112

SPELTZ OR EMMER	3.50	33.00
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BARLEY

White Hulless	4.00
Six Row Trebi	
Guy Mayle	3.75
Two Row Hannchen	4.00
Six Row Common	3.25

PAGE 114**FIELD CORN—Montana Grown—Approved or Certified**

	Bu.	5 bu.
Northwestern Dent	3.25	15.00
Rustler White Dent	3.00	14.00
Minnesota No. 13	3.00	14.00
Minnesota No. 23	3.25	15.00
North Dakota White Flint	3.25	15.00
Squaw or Rainbow	3.25	15.00
Gehu Yellow Flint	3.25	15.00

PAGE 115

FODDER CORN	2.25
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POP CORN

	Pkg.	lb.	10 lbs.
White Rice	\$.05	\$.15	\$.80
Japanese Hulless10	.20	.90

POTATOES

	25 lbs.	50 lbs.	100 lbs.
Early Six Weeks	\$.75	\$1.25	\$2.00
Early Ohio .....	.75	1.25	2.00
Netted Gem .....	.75	1.25	2.00

Poultry and Dairy Feeds

BLACHFORDS PRODUCTS PAGE 120

	25 lbs.	100 lbs.
Blatchford's Calf Meal	\$1.50	\$5.70
Blatchford's Pig Meal	1.40	5.00
Blatchford's Egg Mash	1.35	4.80
Blatchford's Chick Mash, 10 lb. sack 75c	1.45	5.25
Blatchford's Lamb Meal	1.50	5.70
Blatchford's Rabbit Meal, 5 lb. pkt. 60c	1.50	5.70

NOTICE—If wanted by mail add postage.

FREE BOOKS

Blatchford's Calf Meal	Blatchford's Chick Mash
Blatchford's Pig Meal	Blatchford's Lamb Meal
Blatchford's Egg Mash	Blatchford's Rabbit Meal

PRATT'S BUTTERMILK BABY CHICK FOOD
SEE PAGE 119

POULTRY AND DAIRY FEEDS**PAGE 121**

(Prices subject to change)

	1000 lbs.	100 lbs.
Dairy Ration, a combination of suitable grains for Big Milk Production	\$17.50	\$1.90
Bran and Shorts, mixed mill feed	14.00	1.50
Barley, Ground	18.50	1.90
Barley, Whole	17.50	1.55
Rye, Ground	15.50	1.65
Corn Meal	22.50	2.35
Corn, Cracked	21.50	2.25
Corn, Whole No. 2 Yellow	20.00	2.20
Wheat Meal	21.00	2.20
Wheat, Whole	18.50	1.90
Oats, Hulled	21.00	2.20

	1000 lbs.	100 lbs.
Oats, Ground	18.50	1.90
Oats, Whole	17.50	1.80
Flax Meal, Ground with Oil		4.25
Linseed Oil Meal, Pea size		4.25
Kaffir Corn		3.00
Sunflower		8.50
Swift's Regular Meat Scraps		5.25
Swift's Fine Meat Scraps		5.25
Swift's Meat Meal		4.25
Scratch Feed "Peerless" for Hens, in 100lb. bags	23.50	2.45
Scratch Feed "Peerless," for Hens, in 50lb. bags	24.50	2.55
Scratch Feed "Peerless" for Hens, in 25 lb. bags	25.50	2.65
Scratch Feed "Placer" for Hens, in 100lb. bags	22.00	2.25
Scratch Feed "Placer" for Hens, in 50lb. bags	23.00	2.35
Scratch Feed "Placer" for Hens, in 25lb. bags	24.00	2.45
Growing Ration for Young Birds		2.80
Scratch Feed for little chickens		3.20
Oyster Shell, Ground		1.75
Charcoal, Hen or Chick, 50 lbs. \$2.50		4.80
Grit, Chick or Hen		1.50
Bone, Swift's Granulated		5.00
Bone, Native Ground, Fine		4.25
Bone Meal for Mash or Fertilizer		4.25
Buckwheat		3.75
Millet		3.75

Write for prices in large quantities.

You will be pleased with our stock. Let us figure on your regular requirements.

Add Postage if Desired by Parcel Post.

ORDER NUMBER

HELENA. MONTANA

Do Not Write in These Spaces

In case price has declined or advanced, shall we fill order for amount allowed?

STATE NURSERY & SEED CO. do not give, and their agents and employees are forbidden to give, any warranty, express or implied, as to description, quality, productiveness, or any other matter of any seeds, bulbs, plants, etc., they send out, and will not be responsible for the crop. If the purchaser does not accept the goods on these terms, they are at once to be returned and money paid for them will be promptly refunded.

[illegible]

WE GUARANTEE SAFE DELIVERY OF SEEDS BY PARCEL POST IF INSURED. IF THIS IS DESIRED ADD FEE TO REMITTANCE. IF IN NEED OF MORE ORDER SHEETS AND SELF ADDRESSED ENVELOPES ASK FOR THEM. THEY WILL BE MAILED FREE.

NOTICE: KINDLY SEND THE NAMES OF YOUR ACQUAINTANCES WHO USE SEEDS AND NURSERY STOCK.

[illegible]

PARCEL POST RATES within the United States.		First pound or fraction	Each additional pound or fraction
Rate to Canada; 12c per lb. or fraction thereof.			
First Zone within 50 miles of Helena.....		5c	1c
Second Zone within 50 to 150 miles of either.....		5c	1c
Third Zone within 150 to 300 miles		6c	2c
Fourth Zone within 300 to 600 miles		7c	4c
Fifth Zone within 600 to 1000 miles		8c	6c
Sixth Zone within 1000 to 1400 miles		9c	8c
Seventh Zone within 1400 to 1800 miles		11c	10c
Eighth Zone all over 1800 miles		12c	12c

WE GUARANTEE SAFE DELIVERY OF SEEDS BY PARCEL
POST IF INSURED.

IF THIS IS DESIRED ADD FEE TO REMITTANCE.

SPECIAL NOTICE—If you will kindly send us the names of your flower loving friends—and those of farmers or ranchers of your acquaintance—with your order, we will be glad to place them on our mailing lists.

PLEASE DO NOT USE SPACE BELOW

FILLED BY	CHECKED BY	PACKED BY	NO. BOXES	NO. SACKS	NO. PKGS.	DATE	POSTAGE FR. EXP. ADV.

ORDER SHEET

STATE NURSERY AND SEED CO.

NURSERYMEN—SEEDSMEN—FLORISTS

HELENA, MONTANA

ZONE

ORDER NUMBER

--	--

Do Not Write in These Spaces

Date _____ 192____ Amount Enclosed \$_____

SHIP BY—^{MARK X AFTER METHOD}
^{OF SHIPMENT DESIRED}—Parcel Post ☐ Express ☐ Freight ☐

To (Name) _____
(WRITE VERY PLAIN) Ladies Please Write Miss or Mrs.

Street & No. _____ P. O. Box _____

Post Office R. F. D. Box.....

County _____ State _____

Is there an agent at this station? Yes or No.....

Freight or
Express Station If no agent—Send sufficient money to prepay charges

If Out of Variety Ordered, Have We Your Permission to Substitute Equal or Better in Nearest We Can Supply?.....
In case price has declined or advanced, shall we fill order for amount allowed?

STATE NURSERY & SEED CO. do not give, and their agents and employees are forbidden to give, any warranty, express or implied, as to description, quality, productiveness, or any other matter of any seeds, bulbs, plants, etc., they send out, and will not be responsible for the crop. If the purchaser does not accept the goods on these terms, they are at once to be returned and money paid for them will be promptly refunded.

[illegible]

WE GUARANTEE SAFE DELIVERY OF SEEDS BY PARCEL POST IF INSURED. IF THIS IS DESIRED ADD FEE TO REMITTANCE. IF IN NEED OF MORE ORDER SHEETS AND SELF ADDRESSED ENVELOPES ASK FOR THEM, THEY WILL BE MAILED FREE.

[illegible]

PARCEL POST RATES within the United States.		First pound or fraction	Each additional pound or fraction
Rate to Canada; 12c per lb. or fraction thereof.			
First Zone within 50 miles of Helena.....		5c	1c
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Sixth Zone within 1000 to 1400 miles		9c	8c
Seventh Zone within 1400 to 1800 miles		11c	10c
Eighth Zone all over 1800 miles		12c	12c

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PLEASE DO NOT USE SPACE BELOW

[illegible]

REAL SEED CORN ADVICE

SEED CORN IS NOT GOOD SEED CORN SIMPLY BECAUSE IT WILL GROW nor because it bears the name of any certain popular variety. The **PROVEN ADAPTABLE STRAIN** of a good variety is the **REAL IMPORTANT FACTOR**. More especially is this true in Montana where our frost free period is comparatively short and our number of heat units comparatively low.

We have spared neither time nor expense in care or selection of our seed corn stocks, being especially careful in selecting only such strains of the varieties offered as have proven adaptable to average Montana conditions over a period of several years.

Our growers are all reliable experienced seed producers and have followed a careful scientific program of selection in their seed stocks. In every instance their fields and stocks have passed inspection of the Montana Pure Seed Growers Association and all our stocks bear the approval tag of that organization.

One of our growers of Northwestern Dent and Gehu Yellow Flint has been a prize winner in those two classes at his district corn show and at the State Fair for a number of years. His knowledge and reliability in corn growing and seed corn production was such that he was chosen by the Montana Agricultural Extensive Service of the State College to tour the state on a lecture program to the farmers and prospective corn growers of Montana.

Our other grower of Northwestern Dent who has specialized on the American strain in northern Montana for a number of years won first in both the 12 ear and bushel class and sweepstakes at the Northern Montana corn show at Chinook. He also won first in the 10 ear and general sweepstakes in the Northwestern Dent class at the Montana State Corn Show at Miles City.

Our Minnesota No. 23 the very popular white capped yellow dent variety is creating a sensation in the Montana corn world and bids fair to make a close race with Northwestern Dent in popularity.

In a variety test conducted by L. H. Sheldon at Nashua, Montana, Minnesota No. 23 yielded 35½ bushels per acre on a dry shelled basis and 1.36 tons of fodder on a dry weight basis. The stocks we offer are of the original Coleman strain and our grower won first at Hinsdale, Montana, first in the Valley County corn show at Glasgow, first and sweepstakes in the 12 ear class and first in the bushel class at the Northern Montana Corn Show at Chinook, also first and general sweepstakes in the Minnesota No. 23 class at the State Corn Show at Miles City. We could go on and list further records of our growers.

Practically all of our growers, of all varieties we offer, have enviable records wherever they have entered the competition not for this reason alone have we chosen their stocks to offer our customers but because they have passed our personal inspection and were highly recommended by the county agents in districts from which they came and last but not most important because their particular strains have proven themselves to be adapted to Montana conditions not on a one year test but over a period of years.

A. J. Ogaard, Extension agronomist, and secretary of the Montana Pure Seed Growers Association says in circular 65 "The best is none too good and skimping a few cents on the price of seed is mighty poor business. Grow the finest corn that climate and soil will permit."

We have every reason to believe that our seed stocks are the best. Let us not lose sight of the fact that the past two years have been particularly favorable to corn production in Montana, that our falls these past two years have been a little later than usual.

We are sure to have some years over a 10 year average in which our corn will get nipped. This fact should make us ever cautious.

If possible plow your corn land in the fall so that you will be able to plant as early in the spring as safe and thereby reducing the risk caused by late planting due to some unforeseen delay in your spring preparation work.

Remember also that our seed corn should ordinarily help reduce your risk in general corn production because we have followed these four fundamental rules in selection of our stocks.

1. Well adapted to the climatic conditions.
2. Of a high yielding variety of proven adapted strains.
3. Well matured and preserved from ripening time to planting time in a manner that should retain its full productivity.
4. Free from disease and insect injury. Such freedom may indicate resistance to infection.

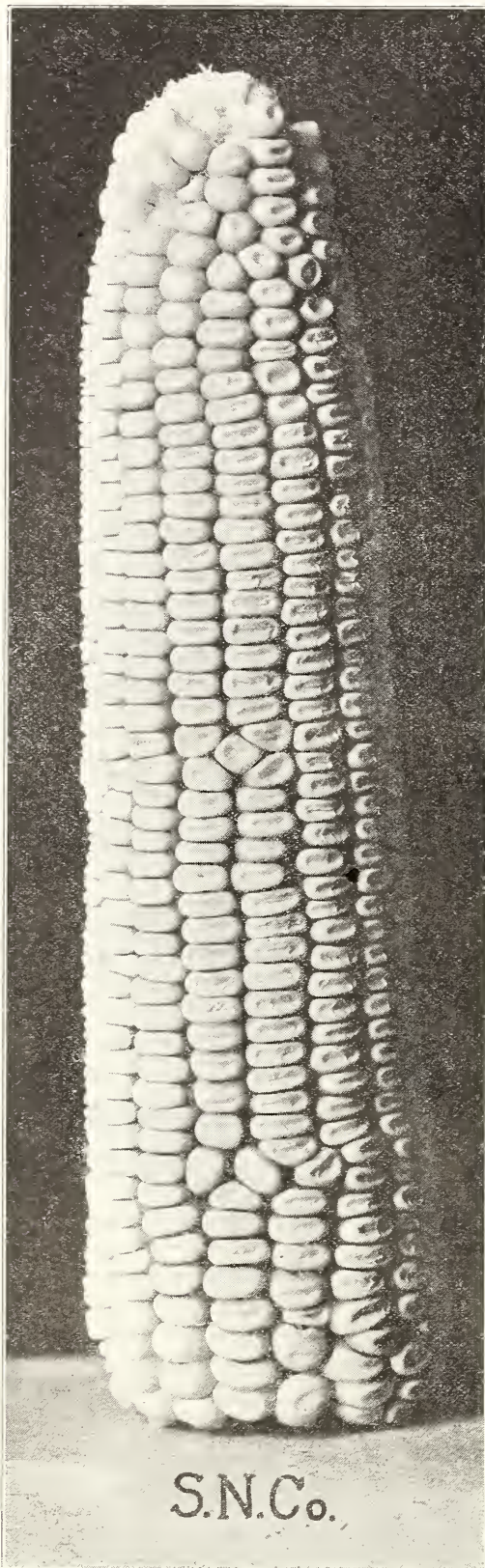
MONTANA GROWN FIELD CORN

The attention of the entire United States has been focused upon Montana during the two years just passed and they have been following closely the progress we have been making in our determined fight to again put Montana in the column of successful agricultural states. That we have succeeded in laying the foundation for a safe and sound agriculture through proper tillage and diversification is evidenced in the remarkable results obtained on the farms of the state.

Montana will no doubt plant a big corn acreage this year. Our farm bureaus, clubs, unions, etc. are all interested in either adding to their corn acreage or starting out with a few acres. The successes of the past few seasons have fully demonstrated the advisability of growing corn wherever possible. Our specially grown Montana seed stocks were produced in high dry land sections at an altitude of 2600-2900 feet. See our catalog for further information or call at our store for samples and prices.

MONTANA GROWN SELECTED SEED STOCKS (See Illustration Inside Back Cover)

(Grown at an Elevation of 2600 feet on Dry Land)



Minnesota No. 23

Northwestern Dent—This variety can be relied upon year in and year out to produce a larger yield better Corn and mature more evenly than any other of the extra early corns.

Minnesota No. 13—Extra Early Yellow Dent—The commanding points of excellence which will place Minnesota No. 13 Corn at the head of the Yellow Dent varieties for northern planting are: Its clearness, its productiveness, its adaptability to a great variety of soils and climates. The ears average eight inches in length and are borne usually two on a stalk. Minnesota No. 13 thoroughly matures in 90 days when planted on favorable soil and in good location, but 95 to 100 days places it out of danger under average conditions.

Minnesota No. 23—This variety is in the lead for popularity in many sections of the state, a white tipped yellow dent with lots of admirers, produces a fine appearing ear of medium length. The ear is borne from 2 to 2½ ft. above the ground and can be easily cut with a corn binder.

Rustler White Dent—This variety originated many years ago in South Dakota and is largely grown in our Northwestern states. Matures in 90 to 95 days. The average height of stalks is 7 feet. Average distance from base of ear to the ground 3½ ft. Ears are large, 14 to 18 rowed, and closely filled with large, deep white kernels. This corn is admirably adapted to the northwestern climate. It yields fully as big a crop as any yellow dent. There is no better and more productive variety of White Corn grown in the Northwest which is as early as Rustler White Dent.

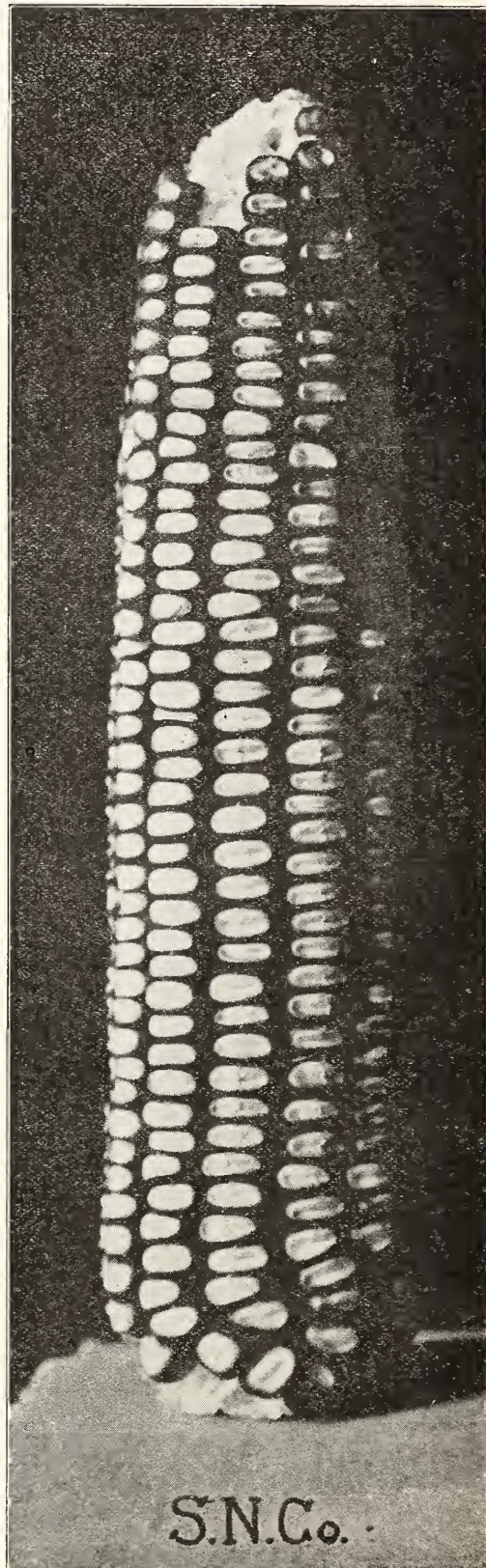
Gehu—Yellow Flint—12 Rowed—recommended very highly by the Montana Agricultural College as being the most satisfactory Flint corn for Montana producing 2 to 3 ears average length of 8 inches.

North Dakota White Flint—A Pure Pearly White Flint Corn, recommended very strongly for Montana farmers. This Corn is the result of careful selection from the Old Squaw Corn for many years. Average height of stalk 5 feet, average distance of ears from the ground 1½ feet, average length of ear 8 inches.

Squaw or Rainbow Flint—Extremely early and of dwarf habit. Ears are 7½ inches long, 8-rowed and of bluish color. The variety that Montana first started to raise.

Read Page 113 For Seed Corn Information.

For Prices See Red Insert.



Northwestern Dent

CORN—Continued.**THE BEST VARIETIES OF POP CORN**

Rice—A very productive variety. Ears short, kernels long and pointed. A splendid popping sort, and the most salable among the retail dealers.

Hulless—A comparatively new variety of White Pop Corn. Grows about 5 feet tall and bears two or three ears per stalk. Dries out quickly, and ready for popping soon after husking. Very popular because it is almost hulless with no hard center when popped.

FODDER CORN

In many respects Fodder Corn is in a class distinctly its own, standing out as the salvator of winter feed now the foremost ration of the great west, made world famous with the introduction of the silo.

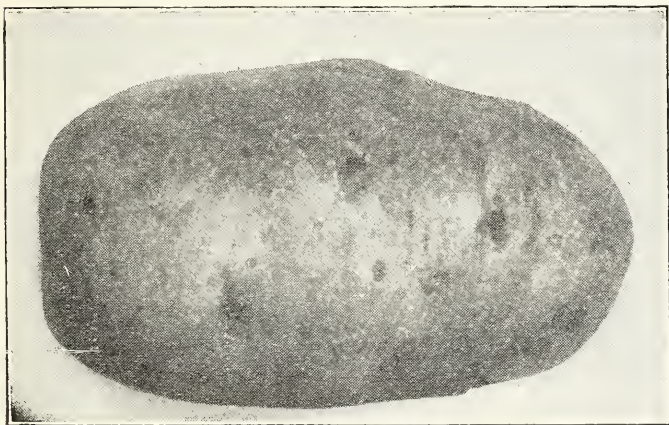
No first-class farmer—up to the times, wide-awake—allows a season to go by without planting from 3 to 10 acres in Fodder Corn. Use Fodder Corn in preference to hay, when the hay market is reasonably high, dispose of your hay and use fodder because fodder corn can be grown for about one-fifth of what hay can; does splendidly for silos; and another thing if you get such rich, luxuriant fodder corn as we offer it is almost as good, yes, many farmers say better, than the best hay, for cattle.

SEED POTATOES

CULTURE—Potatoes can be grown in any soil provided it is well drained, but if grown on sandy, rich soil, they will be of better quality than if planted on clay soil. On light soils, early varieties may be planted three or four inches deep and late varieties four to five inches deep. Early varieties are planted any time after the middle of April, but there is danger of their being caught by frost if planted before May 15. The cut seed should be as blocky in shape as possible, long pieces are more likely to rot in the ground.

TREATMENT—We recommend either of the following treatments of seed potatoes to prevent scab, blackleg, etc., as follows: Formaldehyde 40 per cent, Commercial solution 1 pt.—Water 30 gallons. Soak the potatoes in this solution for two hours and spread out to dry about two hours before planting. Corrosive Sublimate Treatment. Dissolve four ounces of Corrosive Sublimate in hot water, and dilute to thirty gallons. Leave uncut potatoes in this solution for ninety minutes, then remove and dry. Add one half ounce of dissolved Corrosive Sublimate for each five bushels treated. **Remember that Corrosive Sublimate is a deadly poison** and that the potatoes treated in it are poisonous. The solution however will not hurt the hands. Do not use metal containers for the solution.

500 to 700 lbs. of seed potatoes are required per acre when rows are 3 feet apart, and 16 to 18 inches apart in the rows.



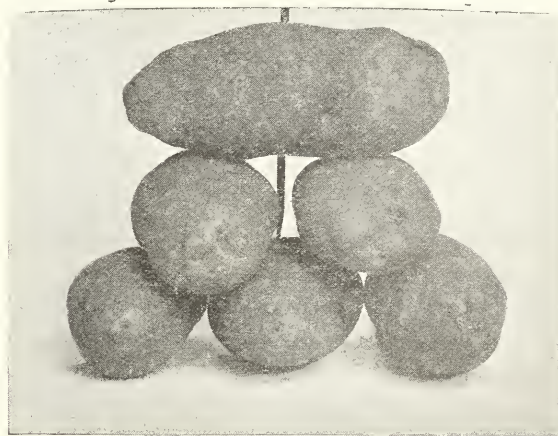
Early Six Weeks

The most profitable potato for the northwestern planters are the early varieties. Market Gardeners regard the **EARLY SIX WEEKS** as the earliest of all. Good table potato and a wonderful yielder. It is ready for market in six weeks, and matures in 72 days—two weeks ahead of most varieties.



Early Ohio

The **EARLY OHIO** is a standard variety—a heavy yielder and probably cannot be excelled for its eating qualities by any other potato. It is one of the earliest varieties, and a great favorite with market gardeners.



Netted Gem

(Sometimes called **Russet Burbank**)

NETTED GEM—Sometimes called the **Russet Burbank**. A splendid main crop late potato with brownish russet skin, flesh white, shallow eyes, rather long shape. Netted Gem is an excellent yielder, very regular in size, and is unsurpassed as a baking potato. The tubers present an excellent appearance, and are splendid shippers.

SEE PAGE 112 FOR PRICES ON POTATOES AND
ALL FIELD SEEDS

SEE INDEX—LAST PAGE OF THIS CATALOG FOR
COMPLETE LIST OF CONTENTS

DATE OF SHIPMENT—Potatoes will be shipped at any date ordered, but where no special instructions are given, we will hold order until, in our judgment, there will be no danger of freezing.



Sweepstakes Cockerel, State Fair 1922

STANDARD BRED POULTRY

DAY OLD CHICKS

HATCHING EGGS AND BREEDING STOCK

THE STATE NURSERY AND SEED CO., Has arranged to handle Poultry Stock From the J. R. Scott Poultry Farm. Orders may be sent direct to us, and when included with seed and plant orders, should be made out on separate order sheet, to insure prompt attention.

(Clipping from Northwest Stockman and Farmer June 1, 1923)

It has long been known that when farmers in other states want the best seed in the case of a great many crops, they come to Montana but it is not so generally known that poultry breeders are also looking to Montana for their breeding stock.

J. R. Scott of the Scott Poultry Farm at Helena, and originator of the famous Utility-Beauty strain of White Leghorns, recently filled an order for a thousand baby chicks, for a breeder in one of the greatest poultry raising centers of the Pacific coast. The breeder wanted strength, vitality, appearance and egg

laying qualities combined and he came to Montana to get it.

An incident of this kind not only means a great deal for Montana, but it speaks volumes for J. R. Scott, who through years of effort has built up a strain of birds that has become nationally known and who through fair and honest methods retains the admiration and respect of all who know him and do business with him.

It is common knowledge to readers of the Stockman and Farmer that wherever Scott's birds appear at poultry shows, they win, but the important point in connection with this is that

the birds he shows are from his own flocks, of his own breeding and raising and not, as is sometimes the case, exhibition birds, bought especially for the occasion. His birds are strong of body, of good size, and constitutionally equipped to meet the rigorous climatic conditions; correct in form and appearance which accounts for their consistent performance in the show ring, and, above all, they lay eggs, in season and out of season, making them conform in fact and in deed with the ideal that Scott had before him when he first started in the poultry business, "A Montana bird for Montana Conditions."

BREEDING STOCK—We can ship you birds to win at practically any show in the Northwest or Range Raised Trap Nested Breeders for your laying pens. We will ship no stock the origin of which is unknown and we make no attempt to compete with prices quoted by huxter firms on inferior stock haphazardly purchased. Our prices are just as reasonable as trap nested and pedigreed stock can consistently be sold for. While the Scott farm will be devoted to the production of white leghorns we will handle other popular breeds and varieties. The additional breeds will be grown largely on other farms but the hatching and pedigreeing will principally be done at the home plant along careful and systematic lines, with the aim of bringing them to the same degree of popularity and usefulness that characterizes the "Scott's Utility Beauty Strain" White Leghorns. All birds will be shipped on approval. If they are not perfectly satisfactory in every respect, feed, water and return them express prepaid and we will refund your money in full.

COCKS AND COCKERELS—Large, thrifty fully developed birds, well up in standard requirements from heavy laying trapnested females, \$3.00 to \$7.50 each. Select, beautifully finished, pedigreed birds for special matings, from hens with excellent trapnest records and good enough to win at a majority of shows, \$10.00 to \$25.00 each.

HENS AND PULLETS—The value of these birds is determined by their individual development and standard quality, their trap nest records and the breeding records of the parent stock. \$2.00 to \$10.00 each.

BREEDING PENS—We can mate foundation breeding pens of four pullets and a cock, or four hens and a cockerel, with the proper blood lines for the results desired. These matings are for particular people looking for the best and range in price from \$20.00 to \$65.00 each.

EGGS FOR HATCHING—For all settings costing \$5.00 or more we guarantee every egg to be fertile. All infertile (clear) eggs will be replaced free of charge if returned in original shipping case, express or postage prepaid. Within ten days from time eggs are set. From all other matings we guarantee 90% fertility under the same rules mentioned above. If you fail to get a good hatch, tell us what in your estimation caused the trouble and we will endeavor to adjust the matter to your satisfaction.

PARCELS POST—We will ship chix or eggs prepaid by parcels post when requested but can not guarantee safe arrival or a good hatch.

ADVANCE ORDERS—We would advise placing your orders as early as possible, to insure delivery on date desired, especially if you want early chix. The early hatches are frequently all engaged long before the hatching season begins. On such orders a deposit of one-fourth the total amount must accompany the order; the balance to be paid before date of shipment.

DAY OLD CHIX—We will ship chix any distance which can be reached within two or three days and guarantee safe delivery to your nearest express office. It is not often chix die in transit but they occasionally receive rough treatment and we do not ask you to stand the loss. The Scott hatching plant is one of the oldest and largest in the state and has turned out thousands of chix annually for the past 12 years (formerly located at Grant, Montana), which have been shipped to practically every northwest state.

Scott's "Utility-Beauty-Strain" White Leghorns

RANGE RAISED

PEDIGREED

TRAP NESTED

Montana's most consistent laying and winning strain for 12 consecutive years

EXHIBITION MATINGS

For 12 consecutive years we have bred our exhibition leghorns for egg production as well as standard quality. With the constant use of trap nests and a pedigreed system we know positively we are getting results. Many of our hens have trap nest records over 200 eggs, records made in Montana under ordinary breeding conditions with no artificial lighting. More than half the hens we exhibited at the last State Fair, late in September, were birds of this class in full lay and showing no signs of moult.

MATING NO. 1—Headed by the Grand Champion Cockerel State Fair 1923. Also special for Best Shaped Bird and head of Sweepstakes Pen. This is one of the best birds we ever produced and it is hard to find fault with him. He is mated with the best 10 hens we ever raised, showing excellent standard type and every possible utility feature known. We have never owned a better mating. Eggs 75c each; Chix \$1.50 each.

MATING NO. 2—Headed by Sweepstakes Cockerel State Fair 1921. A large framed bird weighing nearly 7 lbs. Has an excellent head and wonderful body development throughout. He is a proven breeder for egg production as well as standard type. To him we have mated fully matured pullets of the genuine Utility-Beauty type. Birds which began laying in September and have continued to lay in long cycles giving promise of better than 200 egg records for the coming year. Including Grand Champion Pullet and Grand Champion Pen Pullets State Fair 1923. Eggs 50c each; Chix \$1.00 each.

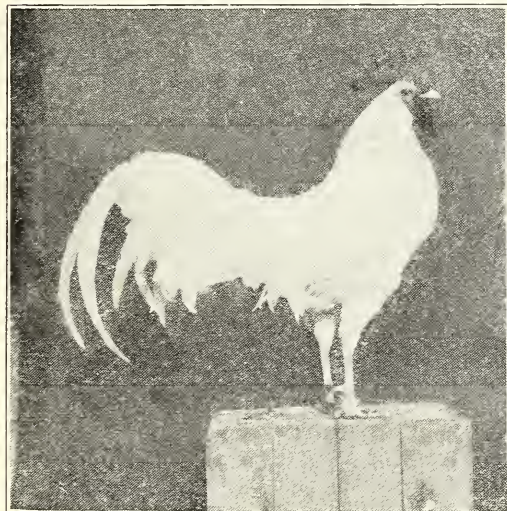
MATING NO. 3—Headed by 2nd Cock State Fair 1922, also 2nd old pen Cock State Show January, 1923. A grand sire of standard typed pullets, has beautiful finish and good station. To him we are mating beautiful typed prize winning hens which are proven breeders and excellent layers. Stock of this quality is seldom offered at prices quoted. Eggs 3 for \$1.00. Chix 50c each.

SPECIAL EGG PRODUCING MATINGS

MATING NO. 4—Headed by Sweepstakes Cockerel State Fair 1922, also 1st cock State Fair 1923. Is a son of sweepstakes Cockerel State Fair 1920 and our one best breeding hen No. 531. The splendid body development and utility qualities of this bird are well shown in his picture. This type is not made by a profusion of fluff and feathers but holds true when in full moult as was proven at the last State Fair. To him we have mated descendants from a direct cross of our own Utility-Beauty strain and select birds of a leading Pacific Coast strain guaranteed to us as coming from close to 300 egg stock. They run better in standard quality than the original coast birds and retain the excellent utility features. Eggs 75c each; Chix \$1.50 each.

MATING NO. 5—Headed by 4th Cockerel State Fair 1921, also 2nd Farm Flack 1923. Son of hen No. 938 having trap nest record of 235 eggs in her pullet year under ordinary breeding conditions. He weighs over 7 lbs., has a well balanced comb, exceptional width and depth of breast and body. Was endorsed by State Poultry Expert, Harriet Cushman and Judge Greenfield as a wonderful utility breeding specimen. To him we have mated large sized deep bodied pullets from our heaviest laying hens. Birds which promise to go well over the 200 egg mark. Eggs 50c each; Chix \$1.00 each.

MATING NO. 6—Headed by 2nd Cockerel State Show January, 1922. Son of No. 138 having record of 217 eggs made at All-Northwest Laying Contest in 1917 (in a pen of our own breeding and was admitted to the honor roll). To him we have mated tested hens of standard weight or over having records of 200 eggs or better and carrying a percentage of blood from close to 300 egg stock. These matings are especially for persons in the commercial egg business. Eggs 3 for \$1.00; Chix 50c each.



Grand Champion Cockerel State Show
February, 1918
First Cock State Show January, 1919
Grand Champion Old Pen Cock State Show
January, 1921

UTILITY-BEAUTY MATINGS

For several years these matings have been among the best we have had to offer and their popularity has constantly increased. They are composed of from 25 to 30 females and two male birds each. Males run alternately to insure strong fertility. The hens and pullets are the very best we have after the few out standing individuals have been selected for the first six matings. They are the tops from several thousand birds raised the last five years and are the fathers, mothers, sons and daughters of the very best we have. All have been trapnested through the winter months of their pullet year and many on through the breeding season. Leaving only choice individuals of standard weight or over with good bone and large laying capacity. Heading these matings are winning pedigreed male birds from our most productive hens. Backed by many years of careful systematic breeding. Some of the best birds we raise come from these matings.

Eggs—\$3.00 per 15; \$8.00 per 50; \$15.00 per 100.

Chix—\$10.00 per 25; \$16.00 per 50; \$30.00 per 100.

J. R. Scott, Helena, Montana:

Chicks arrived O. K. I think they are the best bunch of day old chicks I ever saw. Have only lost 3 and one of them choked to death. Thanks for the extra count.

Yours Respectfully,

F. E. CROSBY.

Billings, Montana, April 26, 1923

UTILITY OR FLOCK MATINGS

That utility and beauty (egg production and standard quality) can be produced in one and the same bird, there is no room for doubt and breeders are seldom required in this day and age to argue the question. Leading coast breeders where the worlds greatest layers have originated under ideal climatic conditions have acknowledged this fact and are now hastening to improve the standard quality of their flocks. The belief that this would come true has been so firmly fixed in our mind that we have bred accordingly for 12 consecutive years. Our show strings have contained many birds with records of over 200 eggs and our total winnings for the 12 years are not equaled by any other Montana breeder regardless of breed. We are not overlooking a single utility feature and in adding a spark of new blood to our flock from the worlds greatest layers we have done so, cautiously at first, using only birds of standard quality.

Our Utility Matings carry the same blood lines as our very best birds and many exhibition matings could be picked from them. They come from trapnested stock and the poorest bird among them would be a credit to any farm flock or commercial egg plant. We are heading these matings with male birds of the same blood lines as described in Mating No. 4. In fact they are brothers to the females in this mating and are backed by years of intensive breeding for egg production. This drop of new blood has quickened the vitality and hastened maturity without seriously affecting the standard quality of our flocks.

Eggs—\$2.00 per 15; \$5.00 per 50; \$10.00 per 100; \$100.00 per 1,000.

Chix—\$6.00 per 25; \$10.00 per 50; \$20.00 per 100; \$200.00 per 1,000.



1st Pullet State Fair 1922

Note the neat head, the full round breast, long wide back, well developed abdomen and beautifully spread tail.

SPECIAL PRICES AFTER MAY 15th

A general price reduction will be made on baby chix and hatching eggs after May 15th. Many valuable breeding birds from this seasons matings will be offered for sale.

Write for special price circular issued May 1st.

AGRICULTURAL EXPERIMENT STATION

Bozeman, Montana, October 10th, 1923

J. R. Scott, Helena, Mont:

Your pen of birds arrived in fine shape and we had them in the pen by four o'clock yesterday afternoon. They surely are a fine looking bunch of birds. I am more than pleased with them. The staff of the department spends its time standing before the window admiring them.

The male bird certainly fulfills the standard requirements in fine manner and should be a worthy sire to the birds in the pen. We are starting their records immediately and hope they will continue the laying they promise. We found three eggs in the crate when they arrived and I think they have layed at least six eggs today.

I am glad to hear that you are having such good demands for your stuff this year and I know your customers will be more than satisfied. Thanking you once more for your cooperation and wishing you continued success in your work, I remain

Yours Very Truly,

GEO. P. GOODEARL,
Department of Poultry Husbandry.

MONTANA STATE FAIR WINNINGS SEPT. 1923

In competition with more than 1,000 chickens, 45 turkeys, 40 ducks, 25 geese and 57 pairs of pigeons we made the greatest winning ever made in the history of the poultry department. For 12 consecutive years we have been winning many Sweepstakes and Specials. Dozens of regular prizes and six times the Best Display. Our winnings this year, cap the climax, and are as follows:

Grand Champion Sweepstakes Display.

Grand Champion Sweepstakes Pen. (All varieties competing).

Sweepstakes Cockerel; Sweepstakes Pullet; Best Shaped Bird in Show; Best White Pen in Show.

First and Second Farm Flocks. (15 birds in flock.)

First and Third in Laying Contest.

Single Comb White Leghorns—1-3-4 Cocks; 4-5 Hens; 1-2-3 4-5 Cockerels; 1-3-4 Pullets; 1-2 Old Pens; 1-2-3 Young Pens.

Barred Plymouth Rocks (Dark)—3 Cock; 1-4 Hens; 1 Old Pen.

White Plymouth Rocks—1-2 Hens; 1-2 Cockerels; 5 Pullet; 1 Young Pen.

Single Comb Anconas—2-4-5 Cockerels; 2-3-5 Pullets; 1 Young Pen.

Pearl Guineas—1 Cock; 1-2 Hens.

Embden Geese—1-4 Old Gander; 1-4 Old Goose; 2 Young Gander; 2 Young Goose.

Toulouse Geese—1 Old Gander; 1-2 Old Goose; 2-4 Young Gander; 2-4 Young Goose.

Pekin Ducks—1-2 Old Male; 2-3 Old Female; 1-2 Young Male; 1-2 Young Female.

White Indian Runner Ducks—1-2 Old Male; 1-2 Old Female; 1 Young Male; 1-2 Young Female.

Mallard Ducks—1-2 Old Male; 1-2 Old Female; 1-2 Young Male; 1-2 Young Female.

Piegons—1-2 White Kings; 2 Red Carneaux; 1 Splashed Carneaux.

MAMMOTH BRONZE TURKEYS

We have again arranged with one of the foremost lady turkey raisers in this part of the country to rear our stock. The past two years she has produced the best grown, sturdiest looking flock of young birds we have seen any where. Including the 2nd old tom, 2nd young tom, third and fifth pullets at the Montana State Fair 1923. With the splendid range and exceptional care these birds receive we can guarantee strong fertile eggs for hatching or breeding stock with excellent color, size and vigor.

Eggs for Hatching—50c and \$1.00 each.

Breeding Toms—(From Guaranteed Sons of 2nd Tom State Fair)—\$8.00 to \$15.00 each.

NOTICE—When ordering less than six turkey or goose eggs or less than eight duck eggs add 50c for basket and packing.

TOULOUSE AND EMBDEN GEES

We have been the principal winners on geese at the State Fair for the last three years. Large select breeding birds at \$5.00 and \$10.00 each. Eggs 50c. each.

PEKIN, WHITE INDIAN RUNNER AND MALLARD DUCKS

Select high grade breeding birds at \$2.50 to \$5.00 each. Eggs 25c each.

PIGEONS

Red and Splashed Carneaux. White King and White Homers. \$2.00 to \$5.00 per pair.

RABBITS

New Zealand Reds; New Zealand Whites. Pedigreed and eligible to register. \$2.00 to \$10.00 each.

We can furnish you with breeding stock and eggs for hatching, also day old chicks from most of the following breeds and varieties. They come from select high grade matings and are sold under our guarantee of satisfaction or your money back.

Barred, White and Buff Plymouth Rocks.

White and Silver Wyandottes.

Rose and Single Comb Rhode Island Reds.

White and Buff Orpingtons.

Light Brahmas.

Single and Rose Comb Anconas.

Silver Campines.

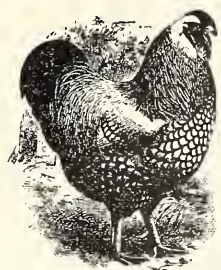
Black Minorcas.

Pearl Guineas.

Eggs \$3.00 and \$5.00 per 15.

Chicks 25c to 50c each.

If we haven't the breed you want we will help you get it.



Poultry and Animal Regulators Remedies and Supplies



WE CARRY A COMPLETE LINE OF POULTRY REMEDIES, ETC., WHICH ARE ABSOLUTELY THE BEST THAT EXPERIENCE CAN SUGGEST OR MONEY CAN BUY. IT WILL PAY YOU TO BUY THEM.

PRATT'S BUTTER-MILK BABY CHICK FOOD

"JUST WATCH THEM GROW"

Should be fed the first three weeks. It is essential to the nourishment of chicks that they be fed with food that can be thoroughly and easily digested. Baby Chick Food is balanced to suit the needs of chicks from the day they emerge from their shells. It will raise more chicks than any other food. Price 2½ lb. pkg. 30c; 5¼ lb. pkg. 60c; 14 lb. bag \$1.20; 25 lbs. \$1.85; 50 lbs. \$3.40; 100 lbs. \$6.50.

NOTICE—If wanted by mail add postage.



PRATT'S POULTRY REGULATOR AND EGG PRODUCER

"Helps Make Hens Lay"

Contains all the necessary elements in accurate and scientific proportions that hens need for egg making. It builds up vitality and stimulates egg production. Poultry Regulator is used by the most successful poultry raisers everywhere. Perfectly pure and free from harmful substance. Price 26 oz. 30c; 4 lbs. 65c; 12 lb. sack, \$1.65; 25 lb. sack, \$3.00.

NOTICE If wanted by mail add postage.



WHITE DIARRHOEA REMEDY

"The Baby Chick Life Saver"

This is one of the greatest chick life savers ever put on the market. Thousands and thousands of little chicks die each year from the fatal white diarrhoea. It carries off from 60 to 75 per cent of all chicks hatched. Pratt's White Diarrhoea Remedy in the drinking water kills the specific organism which causes the disease, and saves the hatch. Used as a preventative when hens are laying, because it will prevent this deadly organism from developing in the egg. If a hen is used for hatching give her Pratt's White Diarrhoea Remedy in the drinking water so there will be no chance of infection from droppings. This is preventative treatment. Price 25c, large size 50c, postpaid.



PRATT'S ROUP REMEDY

This wonderful remedy is used in every civilized country in the world. The reason is it cures. For fowls that sneeze, gasp and wheeze, also having a watery discharge from the nostrils and eyes. It prevents colds and is excellent for turkeys. Pratt's Roup Remedy will save your fowls and make them profitable. In powder or tablet form. Price, 25c; large size 50c, postpaid.



PRATT'S SCALY LEG OINTMENT

This disease is caused by a parasite working underneath the scales of the feet and legs, often making it difficult for the bird to walk. Scaly leg is contagious, and while not fatal, is injurious to the bird and its sale value as well as its usefulness. It is simple to apply and is guaranteed to cure. It is also excellent as a dressing for the feet and legs of show birds, increasing their "point" value and putting them in the very best possible condition as prize winners. Price, 35c, postpaid.



PRATT'S ANIMAL REGULATOR

"For Health and Vigor"

It keeps horses well and strong, improves their wind and makes their coat sleek and glossy. Cows give better milk and their calves are strong and healthy, steers and hogs fatten in half the time.

Price, 65c and \$1.30 packages.
12 lb. pails, \$2.50.

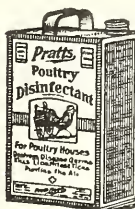
NOTICE—If wanted by mail add postage.
PARCEL POST RATES—SEE PAGE 70

PRATT'S COW TONIC

Cow tonic increases the milk supply and makes it rich in butter fat. Cow tonic enables the cow to turn more of the feed into milk and keep up the full flow for a much longer period. It is a positive remedy for scours. A wonderful all round tonic. Price, 2 lbs., 65c, postpaid 75c.

PRATT'S WORM POWDER

Is a special preparation for the destruction of all kinds of worms in horses, cows, hogs and sheep. It is purely vegetable and is unquestionably the quickest, surest and most thorough worm destroyer procurable. Price, pkg., 50c, postpaid.



PRATT'S POULTRY DISINFECTANT

This disinfectant is a real wonder worker, a quick, effective germicide, insecticide and deodorant. It is unsurpassed for effectiveness in stables, barns, poultry houses and yards and for use on dogs, cats and pets generally. Its pleasing clean odor makes it admirable for household use. Considered the best disinfectant on the market today.

Price, quart, 70c; ½ gal., \$1.25; gal., \$2.00.

PRATT'S BOOKS FREE

BABY CHICKS—How to feed and care for them.
PRACTICAL POINTERS—on the care of live stock and poultry.
CHASE THE FLIES—Pratt's Disinfectant.

PRATT'S LICE KILLER POWDER

One of the most perfect lice killers especially valuable for use on young chicks and setting hens. It rids horses, cattle, hogs, dogs and cats of lice, also ticks on sheep. It is thoroughly effective as a destroyer of vermin and absolutely harmless to the chick.

Price, 1 lb., 30c, postpaid, 35c; 2½ lbs., 60c; postpaid, 70c.



PRATT'S HEAD LICE OINTMENT

Thousands of little chicks are killed each year by head lice. Pratt's Head Lice Ointment is a carefully prepared non-poisonous article and is instant death to the murderous lice, while it is absolutely harmless to the little chick. Price, box 35c, postpaid.



SPECIAL COMPOUND FOR CHOLERA

Cholera creates a continuous and violent desire for water. For the treatment of cholera, indigestion, bowel trouble, and all kindred troubles in chicks or grown fowls this remedy is excellent. As cholera is very contagious, Cholera Remedy should be kept on hand by every one who raises little chicks.

Price 25c; Large Size 50c, postpaid.



PRATT'S HEALING OINTMENT

Injuries of any kind are healed naturally and permanently, and pain quickly relieved by applying Pratt's Healing Ointment. Sores, cuts, scratches, wounds, burns, barbed wire cuts, as well as skin eruptions, eczema and itching are quickly cured. Corns, harness and saddle galls disappear in short order. You should have this ointment handy at all times. Price, box, 35c postpaid.

PRATT'S CONDITION TABLETS

An easy and effective remedy for "run-down" birds. Keeps show birds in condition and prevents colds, roup and liver trouble. Price, 25c, postpaid.

RATES FOR PARCEL POST SHIPMENTS—SEE PAGE 70

KNOWN THE WORLD OVER

Blatchford's Products

CALF MEAL

It is mighty important for the calf-raiser to develop his calves just as economically as possible. Every dollar saved in raising them is a dollar earned. Therefore, you will readily see that it pays to feed Blatchford's Calf Meal because you can use it at less than half the cost of using milk. At the same time your calves will grow and develop every bit as well. Blatchford's is a milk-substitute of highest quality, which calf-raisers have used in this country for over 40 years. It raises real calves at a real money-saving.

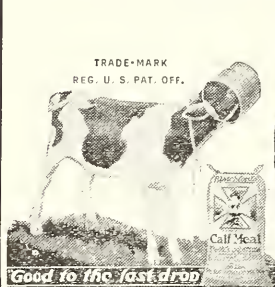
Sold in 100-, 50- and 25-pound bags. Satisfaction guaranteed with every bag.

PIG MEAL

Wean your pigs on Blatchford's Pig Meal and they will grow rapidly—develop muscle, bone, frame, vitality.

Blatchford's Pig Meal is a smooth, soluble meal, which, when mixed with skim-milk or warm water, forms a rich liquid feed so nearly representing the sow's milk in nourishing qualities that young pigs fed upon it thrive and make rapid, steady growth all through the usually critical weaning period.

Sold in 100-, 50- and 25-pound bags. Satisfaction guaranteed.



THE outstanding reason for the great popularity of the Blatchford line of milk-substitutes for calves, pigs, lambs, colts, rabbits and poultry, is that each of them gives bigger profits, better and quicker results to farmers, dairymen and poultrymen than they can secure from anything else. Always insist on *Blatchford's*—the name is a guarantee of satisfaction.

LAMB MEAL

Blatchford's Lamb Meal is so easily assimilated by the tender stomach of the young lamb because it contains all the elements found in natural milk, including oil, sugar and albuminous compounds in correct proportions and in the most digestible form for lambs. This nourishing milk-equal weans lambs properly and produces rapid growth.

Sold in 100-, 50- and 25-pound bags. Guaranteed Satisfactory.

RABBIT MEAL

Solves the rabbit-feeding problem for weaning rabbits, nursing does, "meat" rabbits and fitting rabbits for the show. This inexpensive milk-substitute feed contains all the nutritive elements the rabbit requires for proper development and growth. It will put your rabbits in good condition and keep them so.

Sold in 100- and 25-pound bags. Contains no drugs or tonics.

CHICK MASH

You will be surprised how rapidly your chicks will grow when fed on Blatchford's Chick Mash (formerly called Blatchford's Milk Mash). In fact there isn't another feed on the market that will push them along so rapidly, or so satisfactorily.

Blatchford's Chick Mash is not simply a feed for chickens. It is a carefully milled and prepared milk-substitute which is used by the most prominent poultrymen in the country for starting and growing their chicks.

Sold in 100- and 25-pound bags. Satisfaction guaranteed.

EGG MASH

Get more eggs than you ever got before! There's no great secret or mystery about getting eggs. It is almost entirely a matter of feeding. Thousands of poultrymen have found that by feeding Blatchford's Egg Mash they made their hens lay more eggs than they had ever laid before. If you want to increase your egg production, here's the sure way to do it—feed Blatchford's. Try it on our recommendation. It is a quality feed through and through and makes good every time.

Sold in 100- and 25-pound bags. Every bag guaranteed to give satisfaction.



2 1/4 lbs. at 8 weeks!

Trade Mark
Reg. U. S. Pat. Off.



ALL BLATCHFORD PRODUCTS ARE GUARANTEED

	25 lbs.	100 lbs.		25 lbs.	100 lbs.
Blatchford's Calf Meal	\$1.50	\$5.70	Blatchford's Chick Mash, 10 lb. sack 75c	\$1.45	\$5.25
Blatchford's Pig Meal	1.40	5.00	Blatchford's Lamb Meal	1.50	5.70
Blatchford's Egg Mash	1.35	4.80	Blatchford's Rabbit Meal, 5 lb. pkt., 60c	1.50	5.70

PRICES SUBJECT TO CHANGE

NOTICE—IF WANTED BY MAIL ADD POSTAGE

FREE BOOKS

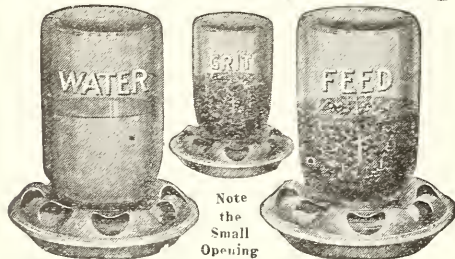
Blatchford's Calf Meal
Blatchford's Pig Meal

Blatchford's Egg Mash
Blatchford's Chick Mash

Blatchford's Lamb Meal
Blatchford's Rabbit Meal

AMERICAN BABY CHICK PANS

BEST FOR BABY CHICKS



3 pans Galvanized, 75c; postpaid.
6 pans Galvanized, \$1.25; postpaid.

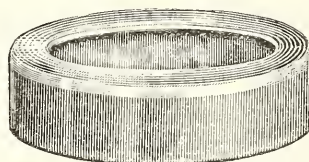
The American Baby Chick Pans are easy to fill and very easy to clean, will fit any size Mason Jar. Considered the best on the market.

We sell pans only as Mason Jars are obtainable anywhere.

3 pans Japaned 90c; postpaid.

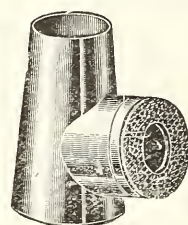
6 pans Japaned \$1.50; postpaid.

Fit any Mason Jar—Easy to clean.



RABBIT FEEDER

Are made of fire clay, highly glazed, therefore easily cleaned, and can be kept absolutely sanitary at all times. 7 inches in diameter, heavy and cannot be tipped over. Also used as a cat and dog dish. Price 40c; postpaid 55c.



EGG TESTER

To test the fertility of eggs during the period of incubation. Used with an ordinary lamp in a dark room.

It will illuminate the interior of the egg, and show if the chick is alive, and also shows the size of air cell in the egg.

Price 45c; postpaid 50c.

S. N. & S. Co's. Peerless Poultry Feed

Our poultry feeds show the highest percentage of protein because they contain only good clean materials mixed in the proper proportions to make balanced rations for your birds at any age. They will help your baby chicks grow rapidly, develop strong constitutions and round out to splendid pullets and cockerels. For full grown stock you must supply feed which will not only nourish their bodies but also enable them to lay eggs. Corn alone makes fat but very few eggs.

PRATT'S BUTTER-MILK BABY CHICK FOOD

Should be fed the first three weeks. For description and price see page 119.

PRATT'S BUTTERMILK GROWING MASH

An ideal food for growing youngsters. The bone, muscle and feather builder, contains the proper ingredients to make bone, muscle, and good red blood.

25 lbs. \$1.40; 50 lbs. \$2.75; 100 lbs. \$5.00. F. O. B. Helena.

LITTLE CHICK SCRATCH FEED

"For Chicks Three Weeks Old or Over"

Like our other feeds this mixture embraces a fine combination of seeds, millet and grains. It gives the chicks quick growth and tends to keep them in good health. Little chick scratch feed contains the necessary materials to form bone and makes flesh and blood.

PEERLESS GROWING RATION

"For Chicks Six Weeks Old or Over"

An excellent feed for chicks from the age of six weeks and over. It is graded slightly coarser in size than Little Chick Scratch Feed, and may be used to advantage up to the time that Peerless Scratch Feed may be profitably fed.

PEERLESS SCRATCH FEED

Each item is included in the proper proportion to make up a well balanced ration. It is necessary that hens be made to exercise for at least a part of their food to keep them in good health and best laying trim. With this point in view our Scratch Feed is especially prepared, furnishing the largest variety of pure clean grains and seeds suitable for laying hens. It contains no shell or grit.

PLACER SCRATCH FEED

An excellent grain mixture, is very satisfactory and economical and when fed in combination with Blatchford's Egg Mash will produce excellent results.

SUNFLOWER SEED

An excellent food for fowls. They eat it greedily, fatten well on it and attain a bright, lustrous plumage and strong, healthy condition.

SWIFT'S SPECIAL MEAT SCRAP

These meat scraps are rich in materials which make bone, muscle and lean meat. They insure health, thrift and vigor and satisfy the natural cravings of the bird's system for flesh-food in some form.

CHARCOAL

As Charcoal aids digestion, purifies the crop and blood, and regulates the bowels, it is absolutely necessary that fowls, either old or young should be given some if you would keep your flock in a healthy condition. This charcoal is especially prepared for poultry. It does not contain any foreign matter or anything that will be harmful to the chickens or ducks in any way whatever.

GRIT

Poultry should be kept constantly supplied with some sharp material to grind their food. Grit is just as necessary to newly hatched chicks as to older poultry. Without it they cannot grind food. Made in two sizes, chick and hen size. We always send hen size unless otherwise ordered.

CRUSHED BONE

Poultry raisers should not neglect to use sufficient bone. It contains lime as well as animal matter. Bone when burnt is of little value, but when crushed or ground raw supplies the component parts of an egg—white, yolk and shell. It should be kept in a convenient place in the apartment of laying hens. They will consume large quantities of it and it aids wonderfully in egg production.

GENUINE CRUSHED OYSTER SHELL

The most frequent cause of hens not laying is the absence in the food of carbonate of lime. As crushed oyster shells contain pure carbonate of lime, it supplies, when fed to poultry, the most essential element, and greatly aids in the foundation of the egg.

If you are a large consumer of poultry feed or dairy feed, write for quantity prices.

PRICES—POULTRY AND DAIRY FEEDS

(Price subject to change)

Dairy Ration, a combination of suitable grains for Big Milk Production	
Bran and Shorts, mixed mill feed	
Barley, Ground	
Barley, Whole	
Rye, Ground	
Corn Meal	
Corn, Cracked	
Corn, Whole No. 2 Yellow	
Wheat Meal	
Wheat, Whole	
Oats, Hulled	
Oats, Ground	
Oats, Whole	
Flax Meal, Ground with Oil	
Linseed Oil Meal, Pea Size	
Kaffir Corn	
Sunflower	
Swift's Regular Meat Scraps	
Swift's Fine Meat Scraps	
Swift's Meat Meal	
Scratch Feed "Peerless" for Hens, in 100lb. bags	
Scratch Feed "Peerless" for Hens, in 50lb. bags	
Scratch Feed "Peerless" for Hens, in 25lb. bags	
Scratch Feed "Placer" for Hens, in 100lb. bags	
Scratch Feed "Placer" for Hens, in 50lb. bags	
Scratch Feed "Placer" for Hens, in 25lb. bags	
Growing Ration for Young Birds	
Scratch Feed for little chickens	
Oyster Shell, Ground	
Charcoal, Hen or Chick	
Grit, Chick or Hen	
Bone, Swift's Granulated	
Bone, Native Ground Fine	
Bone Meal for Mash or Fertilizer	
Buckwheat	

FOR
Latest
PRICES
ON
POULTRY
AND
DAIRY
FEEDS
See Back
of
Field Seed
Price List

BIRD SEED

S. N. & S. Co's BIRD SEED MIXTURE—Has become famous for its superior quality. We use nothing but the freshest high-grade seed free from mustiness and dust. These seeds are particularly relished by canary birds, etc. Put up in 1 pound lithographed cartons.

BIRD SEED MIXED—(S. N. & S. Co's)—lb. postpaid 25c.

BIRD SEED Mixed—By express or freight, 1 lb., 20c; 10lbs. \$1.50

CANARY—Best Sicily, 1 lb., 15c; postpaid20c

HEMP—Best grade, 1 lb., 15c; postpaid20c

BIRD RAPE—For birds, 1 lb., 20c; postpaid25c

MILLET—Fancy, 1 lb., 10c; postpaid15c

LETTUCE SEED—For birds, 1 lb. 15c; postpaid20c

BIRD GRAVEL—1 lb., 10c; postpaid15c

CUTTLE FISH BONE—Large piece, 5c; ¼lb., 25c; 1lb., 80c; P P

SUNBEAM—Mother of Pearl Chips—for aquariums and bulb bowls, per box 25c; postpaid, 30c.

Conkey's POULTRY REMEDIES

Conkey's Roup Remedy, For sneezers, 25c, 50c and \$1.00, postpaid.

Conkey's Roup Pills, For Roup, Colds, Catarrh, etc. 30c postpaid.

Conkey's Cholera Remedy, 25c and 50c postpaid.

Conkey's Limber Neck Remedy, 50c, postpaid 55c.

Conkey's Scaly Leg Remedy, 50c, postpaid.

Conkey's White Diarrhoea Remedy, 50c, postpaid.

Conkey's Lice Fix (Ointment), Easy to apply. Sure in results. 25c and 50c, postpaid.

Conkey's Blackhead Remedy, 50c, postpaid.

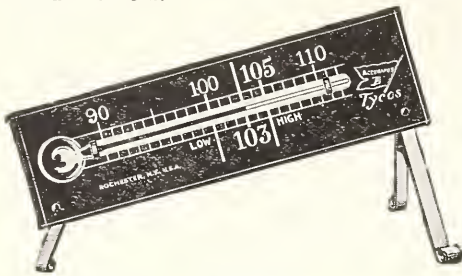
Sulphur Fumigating Candles, 10c each. By mail 15c.

GERMOZONE

A tonic; a bowel regulator; a system builder. The best preventive and cure for Roup, Cholera, Bowel Complaint and most other poultry diseases. In more general use today than any other poultry medicine ever manufactured. Given twice a week in the drinking water to all fowls. It keeps them in prime condition. No poultryman should ever be without Germozone. Put up in tablets. Price, 25c; large size 75c, postpaid.

INCUBATOR AND BROODER THERMOMETERS

Many persons using incubators and Brooders fail to understand the importance of having a thoroughly tested and reliable thermometer. Many a fine hatch is lost and many a fine brood of chicks killed by using a poor thermometer. Use great care in purchasing a perfect thermometer. Our thermometers are thoroughly tested and accurate, and are guaranteed by the manufacturers.



No. 5770



No. 5782



No. 5794

No. 5782 Incubator Thermometer—Hang-up Retested and Certified	\$1.15	P. paid \$1.25
No. 5770 Incubator Thermometer with legs .....	.85	.95
No. 5794 Brooder Thermometer Flat, metal Fits any Brooder .....	.65	.75

TYCOS INCUBATOR HYGROMETER



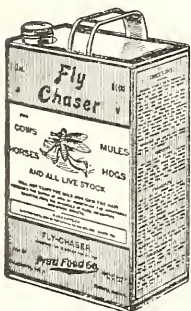
The Tycos Incubator Hygrometer determines the relative humidity in the egg-chamber of any and all incubators. A practical and satisfactory device for this purpose. Direct readings are obtained instantly without the use of tables or calculations.

Price, \$1.75 postpaid \$1.85.

Extra silk wicks for Hygrometers 20c each.

FLY CHASER

(New Improved)



Why let your animals suffer needless torment from flies all summer long? Your cows waste time when standing in the pond or rushing through the underbrush trying to escape the constant torture of flies, mosquitos and other winged pests. Your horses will do more work when relieved from fighting flies and save your time and trouble. Fly chaser does not injure hair or animal when used as directed. Fly Chaser should be used in every stable and every barn. Price— $\frac{1}{2}$ gal., \$1.10; 1 gal. \$1.85.



Liquids Cannot be Sent Parcel Post.

PUTNAM STOVE AND BROODER HEATER—SEE PAGE 123.

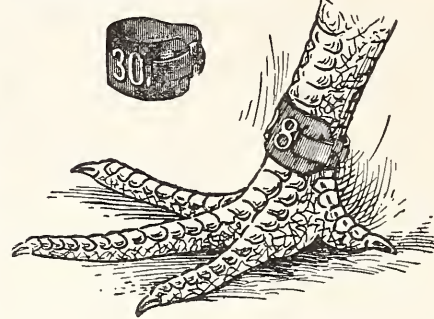
INCUBATORS AND BROODERS—SEE PAGE 125.

BIRD SEED—SEE PAGE 121.

ROACH AND ANT POWDER—SEE PAGE 123.

IMPROVED CHAMPION LEG BANDS

THE WORLD'S BEST



The oldest and best popular band on the market. This band is made in one piece and is adjustable to fit any fowl. They will stay where you put them. Held by double lock, it is impossible for them to lose off. Made of Aluminum. Price numbered only.

Postpaid

1-12	15c
1-25	30c
1-50	45c
1-100	80c

Special numbers to suit, 25c per 100 extra.

VICTOR LEG BAND

Made of aluminum, adjustable, with large black numbers on blue background. A band that is easily attached, and when once on will stay on until removed.

Price, 1-12, 60c; 1-25, \$1.20; 1-50, \$2.20; 1-100, \$4.00, postpaid.



SPIRAL COLORED CELLULOID LEG BANDS



Know Your Hens on Sight.

For large and small birds, chicks and pigeons. Mark each bird for its pen. Give each pen a different color. Mark old birds and pullets differently.

Spiral Leg Bands have extra-long lap, making them strong and securing them from coming off.

In six colors—red, green, black, white, yellow, dark blue.

SIZES

No. 5 Pigeons.

No. 6 Baby Chicks.

No. 7 Bantams.

No. 8 { Leghorns, Anconas.
Campines, Buttercup.
Polish.

No. 14 Turkey Hens, Geese.

No. 16 Turkey Toms.

(American)
No. 11 { Ply. Rocks, Orpingtons.
R. I. Red, Wyandottes.
Minorcas, Houdans.
Runner Ducks, W. Rocks

(Asiatic)
No. 12 { Brahmas, Cochins.
Cornish, Langshan.
Pekin Ducks.

Nos. 7, 8, 11, 12, 14, Postpaid.	Nos. 5 and 6	Postpaid.
12 Bands .....\$ .15	12 Bands	\$.15
25 Bands ..... .30	25 Bands .....	.25
50 Bands ..... .50	50 Bands .....	.40
100 Bands ..... .85	100 Bands .....	.75
500 Bands 3.60	500 Bands	3.00
No. 16 Turkey Toms—Doz. 20c; 25-35c; 50-55c; 100-90c; 500-\$4.25, postpaid.		

Be sure to order by Number or specify your breed and color wanted. **NOTICE**—Put up in lots of 12; 25; 50 and 100, only.

CARBOLA

The Disinfecting White Paint

Disinfects and Paints at the Same Time—Saving Labor and Money

A white paint and disinfectant in dry powder form. Use instead of whitewash. Put on with a brush or sprayer. A snow white cold water paint that will not blister, flake or peel off, combined with a germicide 20 times stronger than carbolic acid but neither caustic nor poisonous. Particularly good for use in stables, cow barns, chicken coops, dairies, hog pens, creameries, cellars, factories and outbuildings. Carbola can be applied to wood, brick, stone, cement, plaster, board, tar paper, &c. or over whitewash or old oil paint that is hard and firm, but not glossy. The mineral pigment used has a greater fire resistance than asbestos. It is apparent that several coatings of Carbola will act as an efficient fire retardant.

A gallon (a pound of powder) covers 200 square feet. For use out of doors add a pound of cheap glue dissolved in hot water for every 10 pounds of Carbola.

Carbola is used and endorsed by thousands of poultrymen, dairymen and breeders, and by many agricultural colleges and experiment stations. Give Carbola a trial—you never will regret it.

Trial Pkg.	\$.35	Postpaid			
10 lbs. (10 gals) 1.50		\$.45	20 lbs. (20 gals).....	\$3.00	Postpaid \$3.45
200 lb. sacks "By express or freight"		1.75	50 lbs. (50 gals)....	6.25	7.30
					\$22.00

THE LITTLE PUTNAM STOVE



Keep the drinking water in the poultry house from freezing.

Burns a month without filling or trimming.

The Little Putnam Stove is nine inches in diameter and four inches high; made of galvanized iron and equipped with a burner which embodies an entirely new principle in oil combustion. Combustion is complete and perfect, doubling the heat value of the oil. The oil tank holds three pints of oil and burns three to four weeks without refilling or any other attention.

The cost of running the stove the entire winter is but from 20 to 30 cents. The expense for oil to run other heaters runs from 75 cents to \$2.00 per season.

The Little Putnam Stove does not furnish hot water to the fowls, but water at that tonic temperature which is best relished by them, and which increases the amount of food digested and assimilated, thus promoting growth and increasing the egg supply. It is absolutely essential that a constant supply of unfrozen water be accessible to the fowls at all times if they are to be kept at the top notch of health and productiveness.

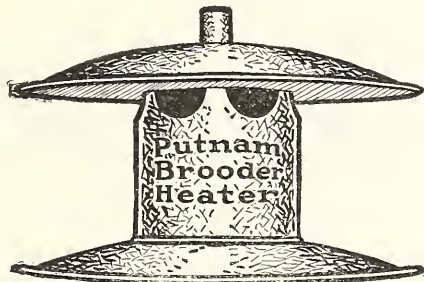
This stove is absolutely fire-proof and non-explosive. If it is tipped over it will go out. If it becomes buried in the litter it will go out.

This stove really costs the poultryman nothing because the increased production of eggs during the first month's use will pay for the stove.

Price, \$2.50, postpaid. 3 for \$7.00, postpaid, \$7.25.

Price of parts for putnam stove; wick holder 10c each; wicks 20c dozen.

PUTNAM BROODER-HEATER



There is no brooder on the market at any price that equals the Putnam Home Made Brooder in ease, simplicity and economy of operation; none which uses so little oil per chick. This brooder consumes less than a gallon of oil a month.

The brooder heater is made entirely of brass and galvanized iron and is practically indestructible. To replace the hover and box at any time, making the brooder practically a new one, costs but a few cents.

At no price, high or low, can a brooder be bought so economical of both fuel and labor, so simple and easy to operate, so perfectly ventilated, or one which will so surely raise healthy, vigorous birds.

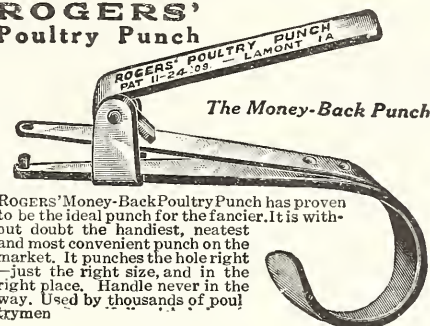
This fire-safe Putnam Brooder-Heater requires tending only once a week and can be relied upon to deliver a regular supply of heat.

Brooder-Heater, price \$4.75, complete postpaid.

Postpaid price of parts of Putnam Brooder Heater: Top, \$2.50; Tank, \$1.50; Burner, \$1.25; Wick Holder, 20c; Wicks, 40c per dozen.

ROGERS POULTRY PUNCH

ROGERS' Poultry Punch

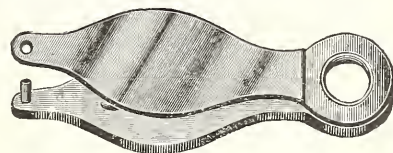


Rogers' Money-Back Poultry Punch has proven to be the ideal punch for the fancier. It is without doubt the handiest, neatest and most convenient punch on the market. It punches the hole right—just the right size, and in the right place. Handle never in the way. Used by thousands of poultrymen.

It is strongly made and is absolutely guaranteed to give satisfaction or your money refunded. Price 40c postpaid.

S. N. & S. CO'S. POULTRY PUNCH

One of the most convenient punches made. It is small and easy to operate. Cutting a clean hole every time. Nickel plated. Price 25c postpaid.



CHINA NEST EGGS

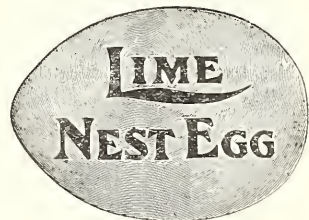
Made of white porcelain, natural in appearance and uniform in size. They induce the hen to lay where she should. With these there is no danger of getting stale eggs mixed with the fresh ones, or the hens acquiring the habit of egg eating. They are extra heavy and will not easily break. 6 for 25c; postpaid 30c; 12 for 45c; postpaid 55c.



LIME NEST EGGS

Strong—Durable—Cheap

The lime nest egg is made from pure sterilized sulphate of lime which has been used by poultry raisers for many years to aid in keeping the nests in a clean and healthy condition. This egg has a neat and smooth appearance and in color, size and shape it is almost an exact duplicate of a real chicken egg, will not break. 6 for 30c; postpaid 35c; 12 for 50c; postpaid 60c.



PRATT'S EGG PRESERVER



In Spring and early Summer, when eggs are plentiful and prices reasonable, make money and save money by "putting away" eggs for next winter. A solution of Pratt's Egg Preserver is the easy and inexpensive way to have a supply of eggs during the winter season of high prices.

Fresh eggs, put in a solution of Pratt's Egg Preserver, keep sound and in excellent condition for a full year. They are fine for cooking or to serve on the table. Try it this year. You'll have eggs the year around at the low spring and summer prices. One quart is sufficient to preserve fifteen dozen eggs. Full directions on each package. Price quart 35c, postpaid 45c.

ROACH AND ANT POWDER

"KILLS THEM QUICK"

A most effective and quick acting preparation, which will destroy Roaches and ants. Full directions on each package, guaranteed to kill Roaches and Ants. Pkg., 25c; postpaid 30c



MAGOTBATE

THE BEST REMEDY KNOWN FOR ROOT MAGGOTS AND VEGETABLE PESTS.

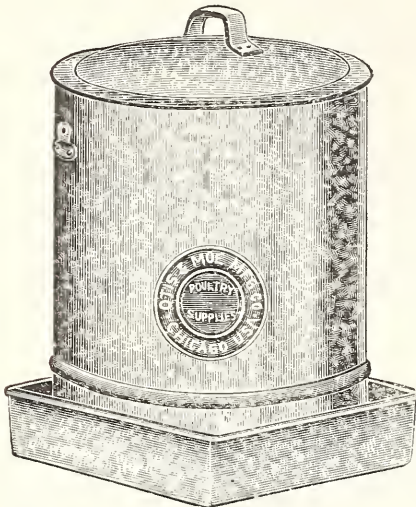
SEE PAGE 127

State Nursery and Seed Co.
Helena Mont.

Whitefish, Mont.

Dear Sirs:—We feel that we owe our success in raising our chickens to the Putnam Brooder and must say it can't be beat. Next year we intend to raise a large number of chicks and turkeys and will depend on Putnam Brooder-Heaters and Pratt's Buttermilk Baby Chick food to bring them through.

Very sincerely,
Mrs. T. F. Mooney.

IMPROVED TOP FILL FOUNTAIN

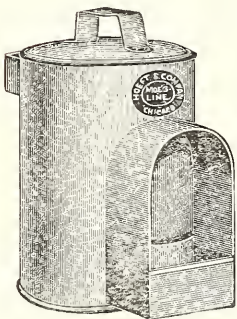
Made of heavy galvanized iron, with double walls, which keeps the water cool in summer, and retards freezing in winter. Feeds automatically, no valves to get out of order. Fills from the top, thus avoiding the annoyance of spilling over while being filled. Thoroughly sanitary and as easily cleaned as an ordinary pail.

Can be hung up out of the litter, and the square pan gives drinking facilities for two pens at the same time.

Fill the fountain in the morning and the chickens have an all day's supply of pure water at just the right temperature.

The best and most popular fountain on the market.

No.			
1—1 Gal size	\$1.85	.....	Postpaid \$1.95
2—2 Gal size	\$2.85	.....	Postpaid \$2.95
4—4 Gal size	\$3.50	.....	Postpaid \$3.75

IMPROVED WALL FOUNTAIN

Made of heavy galvanized iron, in three sizes. The covered outlet keeps out dust and dirt, and the outlet is further protected by a removable plate which prevents any floating rubbish from being drawn into the reservoir.

No.			
97—½ Gal size	\$1.00	.....	Postpaid \$1.15
98—1 Gal size	\$1.25	.....	Postpaid \$1.30
99—2 Gal size	\$1.50	.....	Postpaid \$1.65

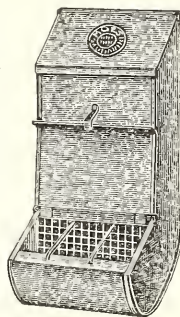
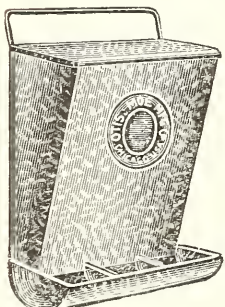
DRY MASH HOPPER

A Dry Mash Hopper of great merit, made of heavy galvanized iron. The curved bottom keeps the feed within easy reach of the birds, and the taper shape of the hopper—larger at the bottom—prevents the feed from clogging.

The wire grid and the wires running from the flange through the wire grid prevent the fowls from throwing out or wasting the feed. The sloping top prevents them from roosting on the hopper.

When both covers are closed it is rat, mouse and weather proof.

No.			
36—12 inches wide	\$2.20	.....	Postpaid \$2.37
13—18 inches wide	\$2.50	.....	Postpaid \$2.75
37—24 inches wide	\$3.10	.....	Postpaid \$3.35

**GRIT AND SHELL BOX**

The feeding of grit, ground shells, and charcoal is now recognized as an essential part of the diet, to keep fowls in healthy, prime condition. There is no more economical method of supplying grit, etc., than with these practical, inexpensive compartment boxes. No solder used in their construction.

Can also be used as feed hoppers for little chicks.

This self-feeding box can be set on the floor or hung on the walls as desired. The birds can help themselves at all times and the supply is kept clean.

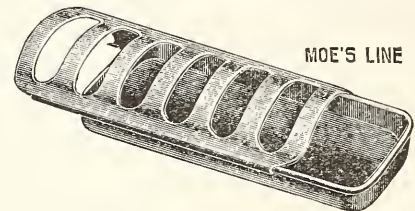
Made of heavy galvanized iron in two sizes.

No.			
9—3 compartment	\$1.00	.....	Postpaid \$1.10
90—4 compartment	\$1.35	.....	Postpaid \$1.50

BOTTOM FILL FOUNTAIN

This fountain fills the breeders requirements for a good inexpensive article. Made in two pieces accurately stamped and formed. Easily filled and cleaned. The round taper shape prevents bursting from freezing. Made of best quality galvanized iron in three popular sizes.

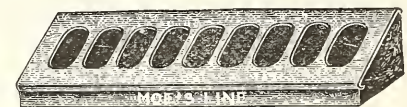
No.			
19—1 qt.	\$.40	.....	Postpaid \$.50
20—½ gal	\$.50	.....	Postpaid \$.60
24—1 gal	\$.65	.....	Postpaid \$.75

SANITARY FEEDING TROUGH FOR GROWING FOWLS.

Suitable for dry feed, wet mash, or water. For grown fowls. The tops slide off, so the pan can be easily cleaned, and filled. Made of best quality galvanized iron. The edges of the slotted openings are all turned over and smoothly finished. No sharp or rough edges to injure the birds.

The feed saved by using troughs will more than pay their cost in a short time. Made in two sizes.

No.			
22—18 inch	\$.65	.....	Postpaid \$.75
23—24 inch	\$.85	.....	Postpaid \$.95

SINGLE FEEDING TROUGH For Chicks and Growing Stock.

No.			
56—18 inch	\$.40	.....	Postpaid \$.50
57—24 inch	\$.55	.....	Postpaid \$.70

DOUBLE FEEDING TROUGH For Chicks and Growing Stock.

Made of best quality galvanized iron. No sharp or rough edges to injure the birds. Sliding top. Easily cleaned.

No.			
59—18 inch	\$.60	.....	Postpaid \$.70
60—24 inch	\$.70	.....	Postpaid \$.85

AUTOMATIC CHICK GREASER Every Chick His Own Doctor

**SAVES
TIME**



**SAVES
MONEY**

It is the large lice which collect on the heads of young chickens which cause them to droop and die. Formerly, the only way to get rid of these lice was to catch each chick and rub grease on its head, but this slow and tedious process is not necessary since the invention of the **Automatic Chick Greaser**.

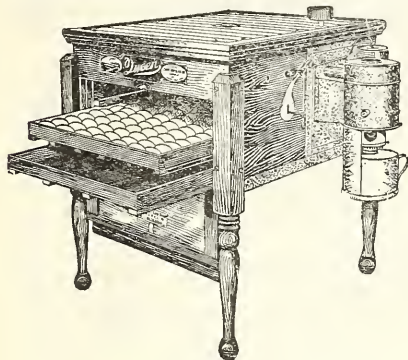
The wick around the upper part of the Greaser is saturated with old (a mixture of two-thirds lard and one-third kerosene or black oil) and every chick which eats out of the pan will get its head thoroughly greased in a very few minutes. This apparatus saves much time and trouble and adds considerable to the profits.

Price, \$1.25; postpaid, \$1.35.

QUEEN INCUBATORS

FAMOUS FOR BIG HATCHES OF STRONG HEALTHY CHICKS. HATCHES EVERY HATCHABLE EGG

The Incubators and Brooders offered in the following pages have been selected for their proved efficiency as hatchers and chick-raisers. They are the products of the oldest and most successful manufacturers—the pioneers who blazed the way and by their untiring efforts have made artificial incubating and brooding the great success they are today.



No. 2, Capacity 135 egg.

Queen Chicks Live and Grow

Queen incubators are famous the country over for big hatches of strong, healthy chicks that live and grow. The Queen is accurately regulated, keeping the temperature just right for the hatching chick. No hot and cold changes to weaken the chick's system. The Queen is properly insulated—two layers of wood and one of corrugated strawboard, with dead air space. This also helps to maintain an even temperature for the entire hatching period. Both Queen walls are built of genuine California Redwood.

NOTICE—The Style K line of Incubators is not the same high standard as our Queen line in material or workmanship, but they embody the principles that have made the Queen line so successful and famous.

THE QUEEN HOT WATER SYSTEM

The unprecedented success which has followed the Queen for years is primarily due to the invention of the Queen hot-water system. Without this wonderful system of hot-water heating, that perfect balance between the temperature, moisture and ventilation which is so necessary to successful incubation would be a physical impossibility. The ability to heat the egg chamber without cooking all the moisture out of the air is not only responsible for the abundant supply of natural moisture, but at the same time the soft radiated heat from the hot-water tank provides an absolutely uniform temperature, and permits a perfect ventilation of the egg chamber.

Without this system of hot-water heating it would be necessary to heat the egg chamber with currents of hot air, and it is now an established fact that the temperature and ventilation of an incubator cannot be successfully balanced where hot air currents are used.

Too much emphasis cannot be attached to the importance of keeping impure gasses and fumes out of the incubator. Instead of passing the hot-air fumes through the incubator, with a likelihood of leakage in the conductor at any time, we heat the hot water on the outside, send it circulating around the egg chamber, and keep all the fumes from the lamp on the outside. It takes but a very small portion of lamp fumes to kill the developing chicks, and circulating hot water through the egg chamber instead of hot air we entirely eliminate all possibility of damage to the eggs.

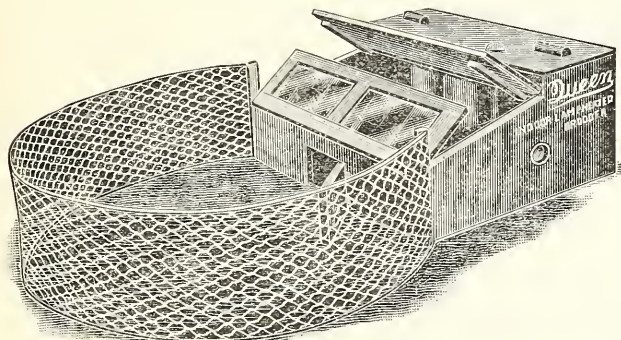
Prices and sizes of Queen Incubators—Delivered Prices.

Queen No. 1,	85 Egg..	\$ 30.75	Style K 20,	70 Egg.....	\$18.00
Queen No. 2,	135 Egg..	41.00	Style K 21,	130 Egg.....	30.75
Queen No. 3,	180 Egg..	48.00	Style K 22,	220 Egg.....	40.50
Queen No. 4,	275 Egg..	62.50			
Queen No. 5,	400 Egg..	73.75			
Queen No. 25,	600 Egg..	116.00			
Queen No. 35,	800 Egg..	144.50			
Queen No. 45,	1000 Egg..	173.00			

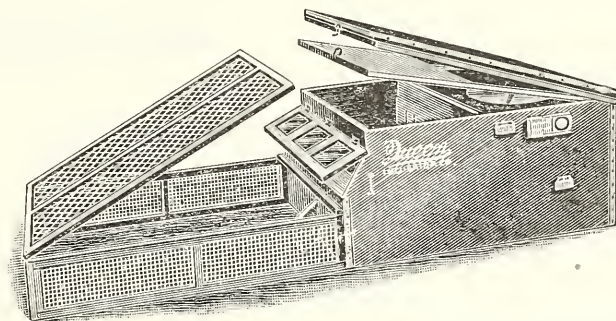
Prices quoted are Delivered

Your Station.

QUEEN BROODERS



Indoor Brooder



Outdoor Brooder

The Queen Colony Brooder is a new and improved design of brooder stove. It is made of highest quality iron castings that will wear and last indefinitely.

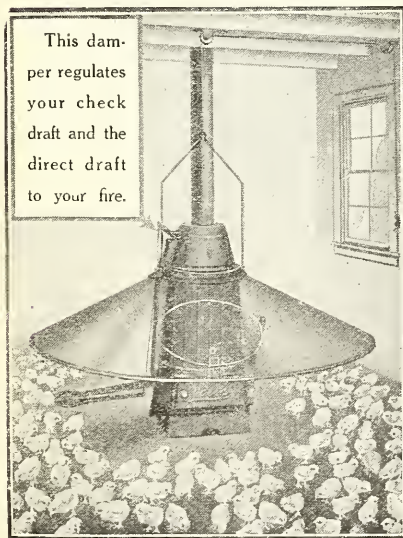
There are no drafts on the smoke pipe of the Queen. The check rests on top of the stove and open outward when fire is too warm, thus giving a gentle inflow of air to retard the heat. While the opening of the draft to increase the fire is located at the top of the stove, it opens into the fire at the base through an opening extending down the side to the bottom. This feeds the draft into the fire from underneath with no opening below the hover.

As will be seen from the illustration, the check and draft lids are cast together and operated together. Thus, when the fire is too hot, the water expands and cools the check and opens the draft. This keeps an even heat all the time, both night and day, in cold weather or warm, and does it automatically. You don't have to pay any attention to it whatsoever. Just set the regulator for the proper temperature at the start of the season—it will do the rest.

The Queen Stove burns any kind of fuel with equally satisfactory results. We recommend chesnut sizes in all kinds of fuel and hard or soft coal, coke, charcoal, or briquettes burn equally well. Of course, hard coal will not cause the pipe to become dirty as quickly as the others, but it will give no better heat.

Queen Colony Brooder Prices: No. 1—600 Chick size, \$23.75; No. 2—1200 Chick size \$29.50.

We recommend No 2 as the most practical



This damper regulates your check draft and the direct draft to your fire.

Queen Colony Brooder

PRICES AND SIZES OF BROODERS Delivered Prices

Indoor Brooders

No. 7—125 Chick	\$22.00
No. 8—165 Chick	25.00
No. 9—256 Chick	28.50

Outdoor Brooders

No. 10—125 Chick	\$36.00
No. 11—165 Chick	39.50
No. 12—250 Chick	44.00

Electric attachment for Queen Brooders up to and including 1000 egg \$17.50.

Books You Need

American Standard of Perfection	\$2.50
Artificial Incubating and Brooding	\$1.00
Rabbit culture and Standard, by Roth and Corman, Cloth	\$1.00

SEE PAGE 136 FOR OTHER BOOKS

Queen Incubators are of Superior Quality and Priced Lower than other High-Class Machines on the Market. Write for Special Illustrated Incubator and Brooder Catalog—Free.

PLANT FOODS AND FERTILIZERS



EXCELSIOR PLANT FOOD—The original odorless house plant food. Producing vigorous healthy growth. Endorsed by the leading horticulturists, private and market gardeners, and park superintendents.
5 oz., pkg. 25c; postpaid, 30c.
12 oz., pkg., 50c; postpaid, 55c.

BONE MEAL

A well known fertilizer, for all purposes, safe and effective, 1 lb. 10c; postpaid 15c; 10 lbs., 65c; postpaid 85c; by express or freight, 100 lbs. \$4.25.

"FEERLESS BRAND"**SHEEP MANURE—Pulverized**

The Best Fertilizer for the Lawn and Garden.

As a spring or fall top-dressing for lawns, it is the best that can be procured. No offensive odor, and no unsightly chunks to rake off. The first shower or watering carries the soluble particles down to the roots, and rapidly produces a most luxuriant growth. SHEEP MANURE is the very best for securing rapid growth and adds humus to light soils.

Can also be used as liquid manure, in water. For general use apply 50 lbs. to every 100 square feet. 600 to 800 lbs. per acre for lawns. For general field and garden use—1 Ton per acre.

500 lb. lots per 100 lbs.....	\$2.00	25 lb. sack	\$.90
100 lb. sack	\$2.25	10 lb. bag	\$.50
50 lb. sack	\$1.25	5 lb. bag	\$.30

Price F. O. B. Helena, by express or freight.

NOTICE—If wanted by mail add postage.

For larger quantities write for special prices.

STIM-U-PLANT**PLANT STIMULANT TABLET**

Trade Mark Registered U. S. Patent Office

The most modern, efficient and scientific method of fertilizing growing plants.

As every kind of plant grows in the garden, orchard, and farm, feed it along with Stim-U-plant tablets. These tablets contain highly concentrated, immediately available forms of plant food for use in stimulating fruit, flower, vegetable, and ornamental plants, and may be used in liquid or tablet form.

They increase production, hasten maturity, improve quality and better the color of the plants and products. Their use is highly profitable, for all these benefits cost only a fraction of a cent for each application.

Once in the soil they immediately dissolve and mingle with the soil-water, pass into the root hairs and roots to begin feeding the plants. No matter how fertile the soil may be, Stim-U-plant is effective in feeding the crops because of its rich, available food content. Full direction on every package.

Small size, 30 tablets	\$.25; Postpaid \$.28
Medium size, 100 tablets .....	.75; Postpaid .80
Large size, 1,000 tablets	3.50; Postpaid 3.65

NITRATE OF SODA

Stimulates the Production of Plants

A fertilizer for all crops, quick in action and hastens the maturity of crops fully two weeks. Being quickly soluble, it should not be applied until the plants are above the ground, when 200 to 300 lbs. per acre is sufficient. Usually in combination with other chemical fertilizers. Nitrate of Soda is the best form in which nitrogen can be restored to the soil. It is of special value for crops such as Peas, Corn, Beets, Cabbage, etc., and of great benefit to hay and forage crops. Do not allow solution to touch foliage.

Nitrate of Soda is a great stimulant for the production of Sugar Beets, Potatoes, and Sorghum, also small Fruits. Nitrate of Soda does not exhaust the soil. Dissolve 1 oz. to 3 gal. or 1 lb. to 50 gallons. 2 lb. 25c; postpaid 35c; 5 lbs. 60c; postpaid 75c; 10 lbs. \$1.10; postpaid \$1.35.

SEED INOCULATION

The Standard Inoculation

FARMOGERM

High-Bred Nitrogen Gathering Bacteria.

A SEED and SOIL
INOCULANT

Legume Inoculation
HUMOGERM

Bushel and pound basis.



Inoculated Roots

Roots like this mean bigger yields—better soil

INCREASES CROP PRODUCTION AND GREATLY IMPROVES THE SOIL

Soil and crop experts agree that for best growth, and to put atmospheric nitrogen in the soil, it will pay all farmers to inoculate all legumes, even where they are at present successfully grown. The cost is trivial when compared with the profit it will bring you. Legumes are clovers, peas and beans, alfalfa, soy beans, vetches, and other plants that grow their seeds in a pod. Their roots are the home of bacteria that draw fertility-building nitrogen from the air and store it in swellings on the roots, called nodules. These nodules not only feed nitrogen to the crop they are on, but rot away in the ground and supply valuable nitrogen to the soil for future bumper crops of corn, wheat, cotton, oats, fruits, etc.

ECONOMICAL—EASY TO USE

The 1-A size bottle will inoculate: Clovers 15 lbs., alfalfa 20 lbs., Canada field peas 100 lbs., vetch 60 lbs., soy beans 75 lbs., other sizes in relative proportion. Place seed in a pile, fill bottle with water, add a little sugar, shake and moisten seeds; when dry, plant in usual way. This is infinitely easier, safer and better than the old laborious soil transfer method. (Full directions with each bottle.)

We have a special composite culture for garden peas, beans and Sweet peas; ask for No. 5, ¼ acre or garden size 50c, and you will insure large, luscious peas and beans, and abundant sweet pea blossoms of wonderful coloring.

Humogerm carries the nitrifying bacteria in a porous humus medium which acts as a natural home for them—keeps them fresh, active and vigorous. The ventilated cans are friction top and open easily with cutting.

Place seed in pile, moisten slightly with water and a little sugar, pour on HUMOGERM, and plant in usual way. This gives thorough inoculation and is cheaper, safer and better than the discredited laborious soil transfer method.

HOW TO ORDER

Specify crop and number of bushels you wish to inoculate. The can unite designations are in the bushel basis; for instance, the 1 bu. size contains sufficient culture to thoroughly inoculate 1 bu. of legume seed, any variety.

Special garden size for peas, beans and sweet peas, 25 c. You will be delighted with the fine results. Prices: ¼ bu. 35c; ½ bu., 60c; 1 bu., \$1.00; 2 ½ bu., \$2.25.

When ordering, be sure to specify the kind of seed you wish to inoculate.

Prices: Garden size 50c; 1 acre size, \$1.00; 3 acre size, \$2.50; 12 acre size, \$9.00.

You can help us avoid errors in filling your order if you will specify by number as well as by name when ordering. No. 1, clovers; No. 2 alfalfa and sweet clover; No. 3, vetch and field peas. No. 5, garden peas, beans and sweet peas. We recommend that you use Farmogerm.

INSECTICIDES AND FUNGICIDES

FOR INSECT PESTS AND FUNGUS GROWTHS

INCLUDE INSECTICIDES WITH YOUR ORDER. YOU ARE SURE TO NEED THEM LATER.

PARIS GREEN—Most effective Potato Bug Killer known; sure death to all insects which eat foliage. Put up in sealed packages. Use 3 teaspoonsful to 1 gallon of water or 1 lb. to 50 gallons for Potato Bugs, or 3 teaspoonsful to 3 gallons of water, or 1 lb. to 100 gallons for spraying trees, $\frac{1}{2}$ lb. 35c; 1 lb. 65c; 2 lbs. \$1.20; 14 lb. kits, \$7.00; 28 lb. kits, \$13.50.

ARSENATE OF LEAD—(Dry Powder)—This material contains from 31 to 33 per cent arsenic—the killing agent. Being light and fluffy it says in suspension and covers the foliage evenly. Its adhesiveness is unsurpassed. Growers appreciate its convenience, safety and economy. 3 teaspoonsful to 1 gallon of water. Full directions on each package. $\frac{1}{2}$ lb. 30c; 1 lb. 55c; 5 lbs. \$2.50; 25 lbs. \$11.00.

"BLACK LEAF 40"

Nicotine Sulphate—40% Nicotine

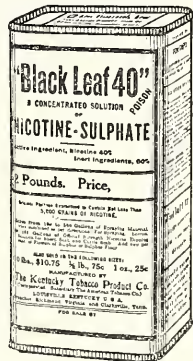
This is the insecticide that is so highly recommended by Experiment Stations. It destroys Aphis (plant lice), Thrips, Leaf-hoppers on all tree, bush and vine fruits, vegetables, field crops, flowers and shrubs; also Apple Red Bug, Pear Psylla and similar soft-bodied sucking insects—all without injury to foliage.

May be combined with other sprays. Highly concentrated. Soluble in water—easy to mix—does not clog nozzles.

You can not go wrong by ordering "Black Leaf 40" for sucking insects.

PRICES:

1 oz.—\$.35, p. p. \$.40, Makes 6 gal
 $\frac{1}{2}$ lb.—\$ 1.25, p. p. 1.35, " 40 to 120
 2 lb.—3.50, p. p. 3.65, " 160 to 500
 10 lb.—13.50, by exp. " 800 to 2500



SHEEP AND CATTLEMEN—NOTICE—Write us for special pamphlet on Black Leaf 40. Helpful suggestions for curing Scabies, Killing Lice and Sheep Ticks.



TREE TANGLEFOOT—The best remedy against ants caterpillars and all tree crawling insects. Will remain sticky for three months. 1 lb. 60c; postpaid 70c; 5 lbs. \$2.75, postpaid \$2.90.

SLUG SHOT—(Hammond's)—A light non-poisonous composite fine powder for killing Potato Bugs, Currant and Cabbage Worms, Green and Black Fly, Beetles and Caterpillars. Not injurious to persons or animals. Easily distributed by Duster, Bellows or in water by spraying. Full directions on each package. 1 lb. perforated box, 30c; postpaid 35c; 5 lbs. 85c; postpaid 95c; 10 lbs. \$1.50; postpaid \$1.70.



DUSTER OR CANISTER

These are thoroughly well made with very fine openings, allowing economical and even distribution. Can be used for dusting any dry powder on vegetable plants, also for dusting lice powder on poultry. A labor saver. Gallon size, price 80c; postpaid 90c.

Liquids and Poisons Cannot Be Sent by Parcel Post
 By Express or Freight Only



CARCO — VEGETABLE SPRAY

AND ANT EXTERMINATOR—A wonderfully effective spray for destroying grubs, maggots and worms in the soil, which infect TURNIPS, RADISHES, BEETS, CAULIFLOWERS, CABBAGE, ONIONS, etc., and highly recommended for use in combating CROWN BORERS in strawberries. The root maggot, as well as the strawberry crown borer, is hatched from an egg deposited on the plants by the maggot fly. This fly dislikes the odor of the spray, and will not deposit the eggs where the odor is present. Carco is highly recommended by market gardeners and large growers of vegetables. Is sure death to ants. Pint, 40c; quart, 65c; half gallon, \$1.10; gallon, \$1.75.

MAGGOTBATE—A real maggot remedy, repels the fly which lay the eggs from which the maggots are hatched, also destroys maggots which are already in the soil. While intended as a remedy for root maggots it has proven very effective in combating cabbage worms, asparagus miner, flea, beetles and all kinds of slugs. It is also invaluable for the eradication of earth worms. Full directions and instructions on every package. MAGGOTBATE is a wonder worker. Price 2 lb. pkg. 35c; postpaid 45c; 25 lb. sack \$2.50; postpaid \$2.85.

HAMMOND'S WEED KILLER—Killing weeds thoroughly by application of this liquid has become general. It is a great labor saver. Use only on paths, drives, gutters and places where no growth is wanted. Apply after rain, while ground is moist, and will absorb the liquid to the roots of grass and weeds. One gallon will make 20 gallons, sufficient to cover 100 square yards of surface. Price 1 quart 90c; Gal. \$2.25.

LIME SULPHUR—Dry Powder—A valuable and effective spray or wash for scale, bark lice, and other insects, and fungus diseases that winter on the barks. Spray early in spring before the foliage opens. Use four tablespoonsful to 1 gallon of water, 2 lbs. to 50 gallons of water. 1 lbs. 40c; 5 lbs. \$1.75.

TOBACCO DUST—For dusting plants affected with Aphis; also used on squash vines and melons; and now largely used for fumigating. $\frac{1}{2}$ lb. 15c, postpaid 20c; 1 lb. 25c, postpaid 30c; 5 lbs. 80c, postpaid 95c; 10 lbs. \$1.50; postpaid \$1.70.

FISH OIL SOAP—For Aphis and all insects which suck. This soap dissolved, 3 oz. in 1 gallon of warm water is very effective. 1 lb. package 35c, postpaid 40c.

BORDEAUX MIXTURE—Used principally for Mildew, blight and Fungus Diseases of all kinds. $\frac{1}{2}$ lb. 20c, postpaid 25c; 1 lb. 35c, postpaid 40c; 5 lbs. \$1.50, postpaid \$1.65; 25 lbs. \$6.50, postpaid \$6.85.

DUSTING SULPHUR—Prevents Mildew, and is a summer dust spray for insects and fungus diseases. $\frac{1}{2}$ lb. 15c, postpaid 20c; 1 lb. 25c, postpaid 30c; 5 lbs. 80c, postpaid 95c; 10 lbs. \$1.50, postpaid \$1.70.

GOPHER POISON

Kill-Em-Quick

Kills Gophers, Squirrels, Prairie Dogs and Field Mice. Endorsed by the U. S. and Canadian Governments, County Agents, Farmers' Clubs, etc. Is found to be more economical and effective than anything else on the market. Best, cheapest and safest. Full directions on every package. Satisfaction guaranteed or money refunded. Package sufficient for 40 acres 55c; 100 acres size \$1.25.



CUT WORM KILLER

Kills Them Quick

The most effective cut worm killer yet introduced. Just place a little around each plant the day it is set out or each hill as the seedlings break through. The food is so alluring to Cut Worms that they are attracted to it in place of any vegetation. One lb. sufficient for 100 plants in hills or for 150 feet of drill. **Save your plants.** 1 lb. 40c, postpaid 45c; 5 lbs. \$1.75, postpaid \$1.90.

Liquids and Poisons Cannot be Sent by Parcel Post

POISONED OATS

KILL-EM-QUICK

For squirrels and Gophers, etc. Ready for instant use. 1 quart, 50c, postpaid 60c.

SPRAYING CHART

THE CONTROL OF DISEASES AND INSECT PESTS

Spray only on clear, sunny days and finish the work early in the afternoon, so that the application will dry rapidly and before dew falls. Spray evenly and thoroughly, using ample pressure and a nozzle that throws a fine mist, but do not continue until the foliage drips. Never spray when the trees are in blossom.

POISONS, such as Arsenate of Lead, Paris Green, etc., are used to control leaf-eating insects.

CONTACT INSECTICIDES, such as Black Leaf "40", Soap Sprays, etc., are used in fighting sucking insects. Examples—Plant Lice, Squash Stink-bug. Sucking insects will not be killed unless they are hit by the spray.

Bordeaux Mixture and Lime-Sulphur are for use against plant DISEASES.

We give below a list of vegetables, flowers, and fruits, the diseases which effect them and the insects that attack them. A complete list of all Remedies suggested here with prices, will be found on page 127.

WHAT TO SPRAY	DISEASE OR INSECT	WHAT TO USE	WHEN TO SPRAY OR DUST		
			First Spraying or Dusting	Second Spraying or Dusting	Third Spraying or Dusting
Asparagus	Beetle Rust	Arsenate of Lead or Paris Green Bordeaux Mixture or dusting sulphur	As pests appear After cutting	Same as first 10 days later	Same as first 10 days later
Beans	Rust and blight Leaf beetle Aphis or Plant Lice	Bordeaux mixture ½ strength or Dusting Sulphur Arsenate of Lead Black Leaf "40" or Fish Oil Soap	Fumigate seed On 3 inch plants As pests appear	10 days later Same as first	10 days later Same as first
Beets, Swiss Chard, and Mangels	Leaf spot Blister Beetle Aphis or Plant Lice	Bordeaux mixture ½ strength or Dusting Sulphur Arsenate of Lead Black Leaf "40" or Fish Oil Soap	As spots appear When they appear	2 to 3 weeks later Same as first	2 to 3 weeks later Same as first
Broccoli, Brussels Sprouts, Cabbage and Cauliflower	Worms Root maggot Cut worms	Arsenate of Lead if plants are not heading. If heading apply Slug Shot or Tobacco Dust. Maggotbate or Carco Cut Worm Killer	When they appear As they appear As they appear	Same as first Same as first Same as first	Same as first Same as first Same as first
Celery	Blight or rust	Bordeaux Mixture ½ strength or Dusting Sulphur	Cover the leaves	As set in garden	10 to 15 days later
Corn	Smut Cut worms	Cut off and burn smut swellings Cut Worm Killer	As they appear	Same as first	Same as first
Cucumber, Muskmelon, Watermelon, Gourds, Pumpkin and Squash	Blight, Mildew Striped beetle or Squash bug Vine borer Aphis or Plant Lice	Bordeaux mixture ½ strength or Dusting Sulphur Slug Shot or Tobacco Dust Arsenate of Lead Tobacco Dust Black Leaf "40" or Fish Oil Soap	As plant form vine When they appear On young plants When they appear	2 weeks later 5 days later 2 weeks later Same as first	2 weeks later 5 days later 2 weeks later Same as first
Egg Plant	Leaf Spot, Blight Potato bugs	Bordeaux mixture ½ strength or Dusting Sulphur Paris Green, Slug Shot, or Arsenate of Lead	As plants are set When they appear	10 days later Same as first	10 days later Same as first
Gardens, Lawns	Ants	Ant Killer or Flyosan	As they appear	Same as first	Same as first
Lettuce	Aphis or Plant Lice Worms	Black Leaf "40" or Fish Oil Soap Tobacco Dust, Maggotbate or Carco	As they appear As they appear	Same as first Same as first	Same as first Same as first
Onions	Thrip (Small sucking insects) Maggot	Black Leaf "40" or Fish Oil Soap Maggotbate or Carco	When they appear As they appear	Same as first Same as first	Same as first Same as first
Peas	Mildew Aphis or Plant Lice	Bordeaux mixture ½ strength or Dusting Sulphur Black Leaf "40" or Fish Oil Soap	When it appears When they appear	2 weeks later Same as first	2 weeks later Same as first
Potatoes	Blight Potato bug or Blister Bug	Bordeaux mixture or Dusting Sulphur Arsenate of Lead, Paris Green or Slug Shot	On 6 inch plants When they appear	2 weeks later Same as first	2 weeks later Same as first
Radish	Maggot	Carco or Maggotbate	As they appear	Same as first	Same as first
Tomatoes	Leaf Spot or blight Potato bug or worms Cut Worms	Bordeaux mixture ½ strength or Dusting Sulphur Arsenate of Lead, Slug Shot or Paris Green Cut Worm Killer	On young plants When they appear As they appear	3 weeks later Same as first Same as first	3 weeks later Same as first Same as first
Turnips and Ruta Baga	Flea beetle Maggot	Slug Shot, Tobacco Dust Carco or Maggotbate	As they appear As they appear	Same as first Same as first	Same as first Same as first
Asters Ferns Roses	Aphis or Plant Lice Worm or Scale Rose Chafer	Arsenate of Lead, Black Leaf "40" or Fish Oil Soap Arsenate of Lead	When they appear	Same as first	Same as first
Sweet Peas	Aphis or Plant Lice	Black Leaf "40" or Fish Oil Soap	When they appear	Same as first	Same as first
Apples	Black rot, blotch and fruit spot Canker Worm Codling moth Scab San Jose scale	Bordeaux mixture ½ strength or Dusting Sulphur Arsenate of Lead and Bordeaux mixture (Lime Sulphur may be used instead of Bordeaux) Lime Sulphur	First appearance of rot about July 1 As they appear As blossoms fall before blossoming Late fall, winter	1 or 2 weeks later 2 to 3 days later 7 to 10 days later After blossoms drop or early spring	2 weeks later Same as second 30 days later 7 to 10 days later
Blackberry Dewberry Raspberry	Cane blight Leaf spot Red Rust	Bordeaux Mixture ½ strength or Dusting Sulphur Dig up and burn all infected plants	Before leaves fall When leaves are Half grown	On young canes 2 weeks later	1 week later 2 weeks later
Cherry	Leaf spot Rot Curcullo	Bordeaux Mixture ½ strength or Dusting Sulphur Bordeaux Mixture Arsenate of Lead or Lime Sulphur	Leaves unfolding Before blossoming Before blossoming	2 weeks later After blossoms drop As blossoms dry up	2 to 3 weeks later 2 weeks later on fruit 1 week later
Grape	Rose bug Black rot	Bordeaux Mixture	As they appear Before blossoming	1 week later After fruit has set	7 to 8 days later
Currant and Gooseberry	Worm Leaf spot, mildew San Jose Scale	Slug Shot Tobacco Dust Bordeaux Mixture ½ strength or Dusting Sulphur Lime Sulphur	As they appear Leaves unfolding Late fall, winter	3 to 4 days later 2 weeks later or Early spring	Same as first 2 weeks later
Plum	Curcullo Brown rot San Jose scale	Arsenate of Lead Bordeaux Mixture or Lime Sulphur Lime Sulphur	Before buds open Shucks shedding Late fall, winter	At fall of blossom 2 or 3 weeks later or early spring	7 to 10 days later 4 weeks before fruit is ripe
Strawberry	Leaf spot Borer Slugs	Bordeaux Mixture Maggotbate or Carco	Before blossoming	10 to 12 days later	

Red Spider—Clear Water, Syringe off the plants 3 times a week under foliage.

Plant Lice or Aphis—One Teaspoonful Black Leaf "40", use in combination with Arsenate of Lead or Bordeaux Mixture.

GARDEN HOSE

Peerless Rubber Hose is a high grade 2 ply Moulded Hose with the yarn laid double each way, on both the inside and outside plies.

A hose of this construction has a larger yarn content than other grades offered as 2 ply, in which the outer yarn covering is composed of single thread.

In our Peerless Hose, the two plies are separated by a distinct layer of stock, which carefully embeds the cords, holding them in place so as to insure a maximum resistance to pressure.

The stocks used are so compounded as to give the greatest resistance to exterior wear, and the inner lining is made seamless to insure a clear waterway.

Used as a garden hose, our Peerless grade should give entirely satisfactory service at any point with which we are familiar throughout this country. It's test pressure when delivered will safely average 400 lbs.

PEERLESS HOSE



Peerless Hose is acknowledged today to be the best Hose that can be procured at any price. It is made from the highest grade materials obtainable, is practically unkinkable, and will give longer life and better satisfaction with proper care than any other make. Look for the brand shown in the above cut.

"Peerless" Hose "Double Fabric"—Corrugated

½ inch—25 or 50 ft. length, couplings attached at 17c per foot.
½ inch—over 50 feet, with couplings attached at 16c per foot.

¾ inch—25 or 50 ft. length, couplings attached at 19c per foot.
¾ inch—over 50 feet, with couplings attached at 18c per foot.

1 inch—25 or 50 ft. lengths, couplings attached at 21c per foot.
1 inch—over 50 feet, with couplings attached at 20c per foot.

BLACK FIN HOSE

"DOUBLE FABRIC"

BLACK FIN HOSE—Second only to "Peerless" All Black Fin Hose Double Fabric corrugated.

½ inch—25 or 50 ft. lengths, couplings attached at 16c per foot.
½ inch—over 50 feet, with couplings attached at 15c per foot.

¾ inch—25 or 50 ft. length, couplings attached at 17c per foot.
¾ inch—over 50 feet, with couplings attached at 16c per foot.

Your time and strength are too valuable to expend with poor garden hose and tools. Get the best, without regard to price.

HOSE WASHERS—Fits ½, ¾, 1 inch—per dozen10c

HOT BED OR MUSHROOM BED THERMOMETER

Brass tipped point encloses the temperature bulb. It is simply thrust into the soil or bed. Price, \$3.10, postpaid.

Notice—For Incubator and Brooder Thermometers—See Page 125

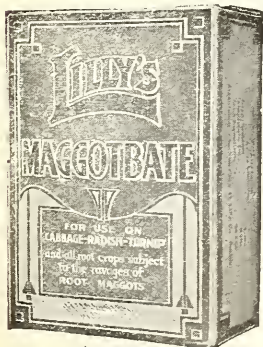
MAGGOTBATE

**GETS THE MAGGOTS BEFORE
THEY GET YOUR GARDEN.**

**THE BEST REMEDY KNOWN
FOR ROOT MAGGOTS AND VEGETABLE PESTS.**

**MAGGOTBATE IS A WONDER
WORKER.**

For Description See Page 127



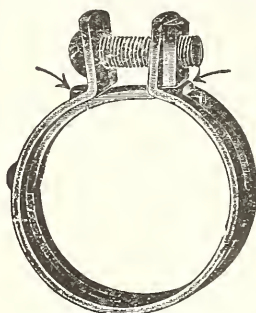
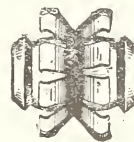
RATES FOR PARCEL POST SHIPMENTS—SEE PAGE 70

HOSE MENDERS



COOPER HOSE MENDERS—(Brass)—For joining a broken hose, cut through and insert the mender. No clamps required, ½, ¾ or 1 inch. State size wanted. Each.....10c

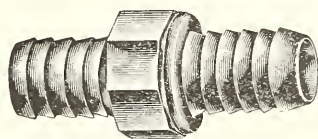
PERFECT CLINCHER HOSE MENDER—No wiring, no screws, no tools needed except a hammer; no obstruction in the hose; a boy can use them and make a perfect mend, a one-piece article which does the work of the mender and tube and two clamps ordinarily used. ½, ¾ or 1 inch. State size wanted. Price each, 10c; postage 10c per dozen extra.



HOSE BANDS OR HOSE CLAMPS—For fastening the hose to a coupling with nut and screw. ½, ¾ or 1 inch, each5c
Dozen 50c, postpaid 60c.
State size wanted.

HOSE WASHERS—Fit ½, ¾, 1 inch
Per dozen10c

HOSE COUPLINGS



HOSE COUPLINGS—(Brass)—In ½, ¾ or 1 inch. State size wanted. Each 15c, postpaid 18c.

"PERFECT CLINCHING" HOSE COUPLINGS—Slip it in the hose and hammer down—that's all. A self-fastening coupling that does not require extra bands, bolts, or wires. It adjusts itself to any thickness of hose.



A fixed hold—it will not pull off. It cannot turn within the hose, a great gain over other couplings. A smooth joint with no projecting parts. A perfect joint that cannot leak. The harder the pressure, the tighter it gets. The tough brass in the clamping fingers permits taking off and using again. Strong and durable at every joint. ½, ¾ or 1 inch. State size wanted. Price, 25c; postpaid 28c.



THE "SNAP" HOSE COUPLER

Best coupler, simple, durable, always tight. For ¾ inch hose. Per pair 30c. Just Snaps together "That's All"

PRUNING COMPOUND

PRUNING COMPOUND—You will find this much more effective in stopping "bleeding" of the sap after pruning trees, shrubbery, etc., than tar and other mixtures sometimes used. It effectually seals the surface and will not wash off with the weather. Pruning Compound is also an excellent preventive for worm boring. 1 quart can, 85c, postpaid \$1.00.

GRAFTING WAX

MAGIC GRAFTING WAX—Superior quality grafting. ¼ lb., 20c, postpaid 25c; ½ lb. 35c, postpaid 40c; 1 lb. 50c, postpaid 60c.

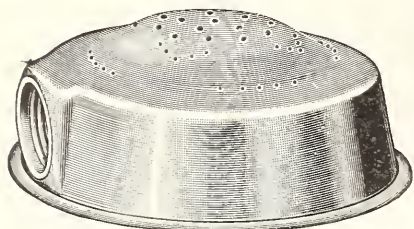
OUT OF SIGHT MOLE TRAP

Claimed to be the best mole trap ever offered, and only has to be tried to be appreciated. Price \$1.00 postpaid.

RAFFIA

RAFFIA—Useful material for tying plants; also used for basket making. Per lb. 30c, postpaid 40c.

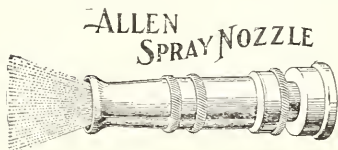
LAWN SPRINKLERS



THE SQUARE FOUNTAIN SPRINKLER—

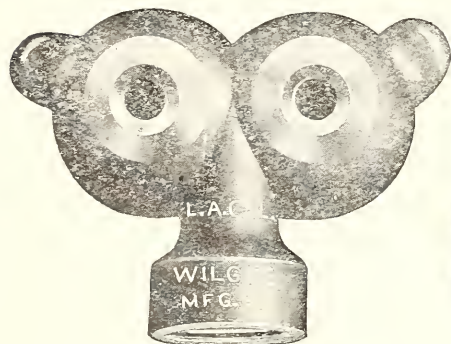
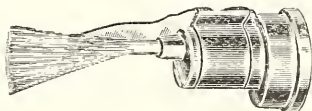
The lower holes throw a wide spreading square. From the crown is omitted a column of smoky mist that is unsurpassed for beauty. It gives an even distribution seldom equaled. It will sprinkle the side of your house, along the walk and reach the edges without throw-

ing water over the passerby. It is not necessary to sprinkle half the grass twice to get over it, thus covering the ground with the least water. Made of heavy brass. Price 65c, postpaid 75c.



ALLEN SPRAY NOZZLE—The brass nozzle for hand use; will throw a straight stream also fine or coarse spray, and the shut off is positive, without the possibility of leakage, recommended by all. Price 80c, postpaid 85c.

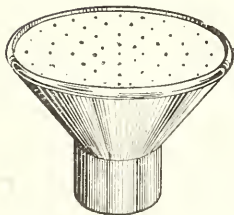
CHAMPION NOZZLE—Two in one combination nozzle and sprinkler, the water volume is as great with spray as with solid stream. To use as sprinkler snap the spike into groove and stick into the ground. Spray is graduated by the revolving sprayer plate. Price 50c, postpaid 60c.



"TWIN" SPRINKLER—See cut. Made of zinc metal and cannot rust. Will cover the lawn evenly for 16 feet radius. Very popular, price45c postpaid50c

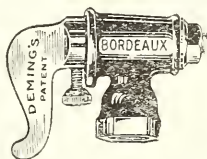
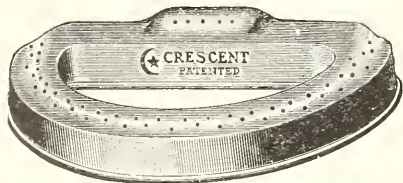


EUREKA SPRAYING NOZZLE—Price75c, postpaid80c



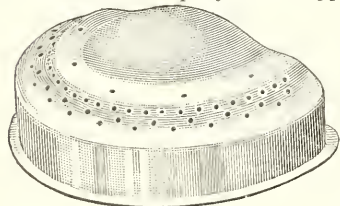
"ROSE" OR "BOSTON" SPRINKLER—A good serviceable, low priced sprinkler, throwing the well known rose spray. Works well on either high or low pressure. Price 90c, postpaid 95c.

CRESCENT SPRAYER—Price \$1.00, postpaid \$1.10.



BORDEAUX SPRAY NOZZLE—Price\$1.50

"HANDY" FOUNTAIN SPRINKLER—Not very big, costs very little; but it sprinkles as much ground as the big ones. It throws all the water away from the hose end, giving a beautiful fountain spray. No tipping over, just walk up to it and adjust it after the water is turned on. When held in the hand is splendid for sprinkling flowers. The weight of the metal and shape make it proof against hard knocks. Made of heavy No. 22 gauge brass, 4 1/2 inches long by 2 1/4 inches high. Price 50c, postpaid 55c.

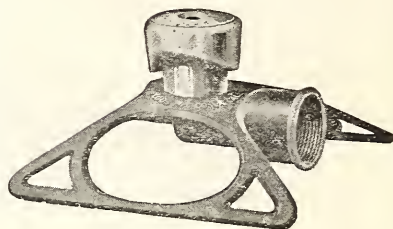


Wilgus No. 1

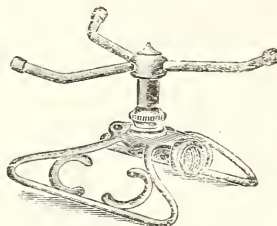
"WILGUS" NO. 1—The original Wilgus sprinkler; one of the leaders of the type, and one of the best. Works well on all pressures. Price, 45c; postpaid 50c.

"WILGUS" NO. 2—The improved Wilgus, with two openings to the water chamber, and throwing a center stream, giving fountain effect at same time as spray. Price 50c; postpaid 55c.

"WILGUS" NO. 21—This sprinkler is mounted on a heavy cast iron base, japanned. Meets the desire for a sprinkler that will not turn over no matter what pressure is on hose and at same time can be moved on the sod like runners. Water is delivered in a very fine spray even on a light water pressure. Price \$1.55, postpaid \$1.70.

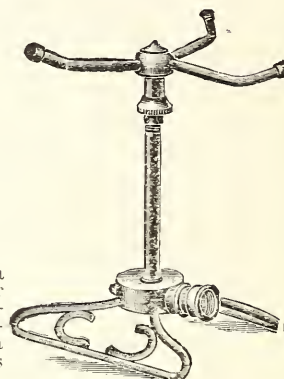


Wilgus No. 21



Zenith

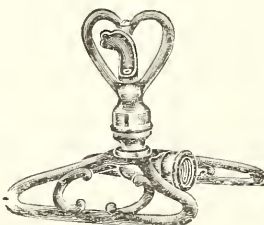
ZENITH SPRINKLER—Represents a new principle in revolving sprinkler heads, friction being almost eliminated, and reducing leakage to a minimum. The Zenith is mounted on a sled as shown in cut. Height 5 inches. A very useful sprinkler. Price \$1.85, postpaid \$2.00.



Anaconda

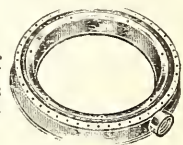
THE ANACONDA—Same as the Zenith—except the height, which is 11 inches. Price \$2.00, postpaid \$2.15.

THE BUSY—One of the best distributors of water on the market. Covers a circle of about 30 feet in diameter, very uniformly. The busy is a very popular sprayer. Price \$1.00; postpaid \$1.15.



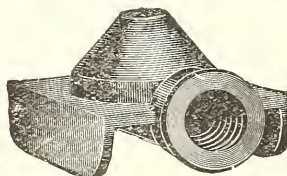
Busy

RING SPRINKLER—Made entirely of heavy sheet brass and measures about 8 inches in diameter. The Ring throws a fine mist, covers a large circle and can be conveniently moved about without shutting off the water. Guaranteed to stand water pressure of any Municipality. Price \$1.00, postpaid \$1.10.

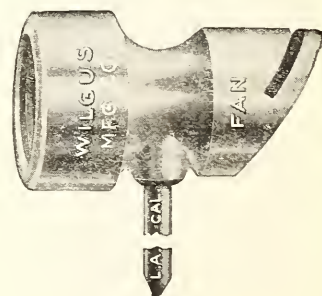


Ring

FAN SPRINKLER No. 8—Made of zinc metal and shaped so that it will water a bed on one side only. A most convenient sprayer. Price 25c, postpaid 35c.



VOLCANO SPRINKLER NO. 55—Will throw a spray about 20 feet in diameter. Price 35c, p. p. 40c.



Fan

SPRAYERS

THE PERFECTION SPRAYER The World's Standard



The perfection sprayer has a tank made like a steam roller. The all riveted seams give the necessary strength for developing a high pressure which is absolutely essential for good results. The tank is 7½ inches in diameter, 20 inches long, capacity 4 gallons, weight 10 lbs. The hose is 5 ply, nozzle is of the automatic type. This sprayer will handle whitewash, paints, bordeaux mixture, paris green, etc., with equal facility. For very heavy liquids use the extra nozzle cap which is furnished with the sprayer. The perfection has the distinction of combined simplicity, convenience, strength and service. Furnished in galvanized steel.

Price \$7.50; postpaid \$7.75

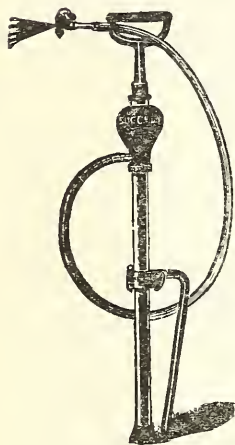
We keep on hand all extra parts:

Perfection nozzle \$2.00; postpaid, \$2.10. outside disk, 10c. Inside disk, 10c. washer 6c; nozzle cap, 50c; ball, 25c; gaskets 15c; shoulder strap with snaps, 35c; valve spring, 15c; hose with nozzle and clamps attached \$2.25, postpaid \$2.35.

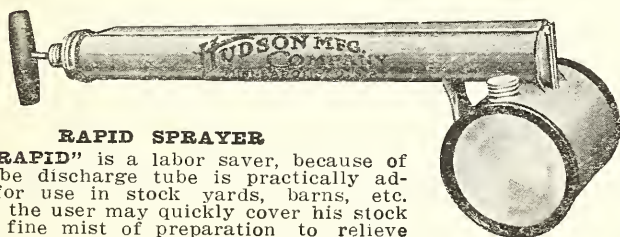
THE "SUCCESS" SPRAY PUMP—This pump has brass air chamber in the stock and is furnished with Bordeaux Nozzle which throws a continuous stream of fine or coarse spray. Price, as illustrated, with 3 ft. hose, \$7.25; postpaid \$7.50

THE "PERFECT SUCCESS"—Same as above with special foot rest, clamps bucket and pump together, so outfit may be carried in one hand. Price \$8.25, postpaid \$8.50.

We can furnish extra 7-foot section of hose for Success or Perfect pumps with couplings and pole holder, \$2.00; postpaid \$2.15

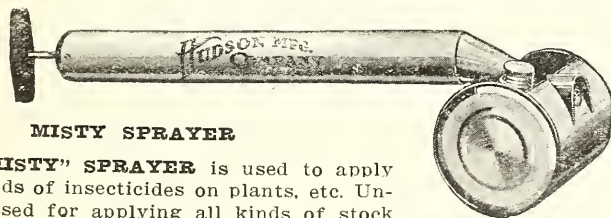


Success



RAPID SPRAYER

"THE RAPID" is a labor saver, because of its double discharge tube is practically adapted for use in stock yards, barns, etc. With it the user may quickly cover his stock with a fine mist of preparation to relieve them of the irritation of flies, mosquitoes and other insects. Sprays straight up as it speaks for itself, and needs no further description; is made with galvanized tank and holds 1 quart. Price each \$5c, postpaid 95c.



MISTY SPRAYER

THE "MISTY" SPRAYER is used to apply all kinds of insecticides on plants, etc. Unsurpassed for applying all kinds of stock dips and fly killer on cattle and horses, also for disinfecting poultry houses, barns, etc. Made of good tin and holds 1 quart. Price, each 65c; postpaid 75c



PEERLESS RUBBER SPRINKLER—For spraying small plants. An ideal one for house use. When once used you will wonder how you got along without it. Will last a lifetime. Price, \$1.65; postpaid \$1.70.

TAKE CARE OF YOUR SPRAYER

Always empty remaining solution, and pump through clean water after using. Clean thoroughly before putting away at end of season.



JUNIOR SPRAYER

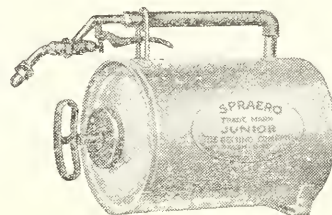
The Junior Sprayer is made for the man who needs a high pressure compressed air sprayer smaller than the Perfection. It is particularly adapted for the backyard garden or small truck farm, for use around the chicken house, in the dairy barn, hog pen, or for disinfectants in hotels, restaurants, theatres and other public buildings. It will do any work the larger models can, for it differs from them only in capacity. It is substantially made and will give entire satisfaction. Tank—6½ inches diameter 17 inches long; capacity about 2½ gallons. Made of first quality galvanized steel.

Price \$5.75; postpaid \$5.95.

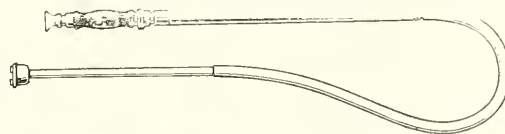
Spraero Jr. Sprayer

A well made compressed air sprayer, one of the handiest as spray can be applied where wanted by pointing nozzle in desired direction. Tank holds 2 gallons and made of galvanized iron, spring automatically shuts off nozzle when pressure on trigger is released.

Price, \$6.50; postpaid \$6.75.



THE STANDARD SPRAY PUMP A one-Man, One Hundred Purpose Pump.



As supplied for spraying from bucket.



Using the Standard Pump with barrel and long hose.

Used with bucket, knapsack, tank or barrel for spraying orchards, gardens, vineyards, also whitewashing, disinfecting poultryhouses, killing vermin on stock, etc. It is made entirely of brass with two solid brass valves, no leather suckers or washers, no castings to rust, no leaking joints, no lost motion, nothing to get out of order. The accompanying illustration shows the standard Spray Pump attached to barrel with 30 feet of hose, enabling the operator to walk around without moving the barrel, covering the entire tree from the ground without the use of elevated platforms or ladder. Equipped with combination nozzles producing a fine mist—a wide spray 15 to 20 feet, or a solid stream 50 to 60 feet. Guaranteed 5 years. Price \$6.00, postpaid \$6.25.

CORONA HAND DUSTER



This little Hand Duster is so constructed that it emits powder in clouds of the right consistency, at the same time works easily. The Corona Hand Duster is the most efficient Duster on the market

and no other dusting device in its class can approach it for efficiency, ease of manipulation, simplicity and durability. It is so simple in construction that it eliminates all trouble.

Price \$1.25, postpaid \$1.35.

FLYOSAN

SAFE INSECTICIDE

Kills Flies by the Roomful—Mosquitoes, too.

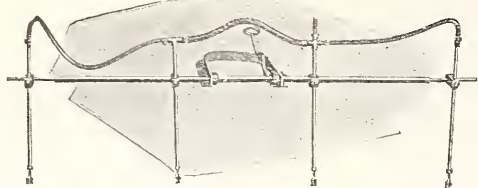
THE STRANGEST WAY TO KILL FLIES YOU EVER SAW! Just spray Flyosan into the air of a closed room; in five minutes all flies are dead—mosquitoes, too.

Flyosan also kills moths in closets, roaches, round the sink, bedbugs, ants in the pantry, hornets in the attic.

Flyosan has a pleasant, aromatic odor. No stain. No unsightly muss to clean up. Absolutely non-poisonous.

Pint 75c, postpaid 85c; Quart \$1.25, postpaid \$1.35.

BARREL PUMP AND FIELD SPRAYERS



FOUR-ROW FIELD SPRAYER NO. 1653

Has one "Eureka" Nozzle for each Row

For spraying potatoes, strawberries and all field crops. This is a very convenient device as it is easily and quickly attached to any wagon, can be adjusted to rows of any width up to 36 inches. For forward or backward spraying, they may be raised or lowered and brought together to pass through gate. With equipment as illustrated. Price \$22.95.

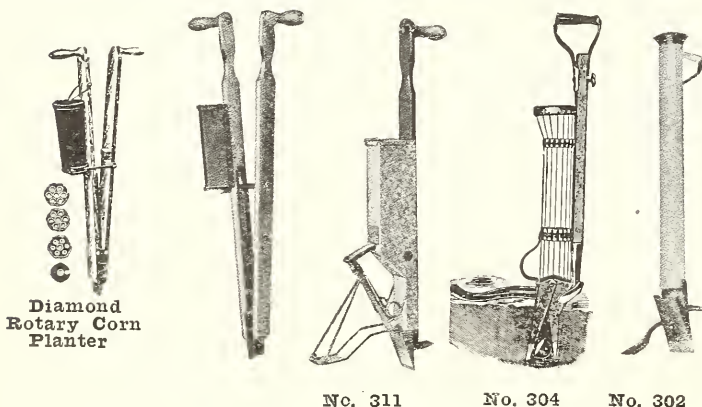
Special pump and sprayer catalog free on request.

Corn and Potato Planters

DIAMOND ROTARY CORN PLANTER—The Diamond is the most perfect Rotary Corn Planter on the market. Has four discs, one especially for Broom Corn and seeds of that class. The Diamond has Rotary drop, and works perfectly. Highly recommended. Price \$2.95, postpaid \$3.15.

ACME CORN PLANTER NO. 306—Works in any soil; has a flexible and adjustable iron drop, and does not wear the brush. It has an iron seed box and iron channel. Strong, durable, reliable and gives universal satisfaction. Each \$1.50, postpaid \$1.65.

SEGMENT CORN PLANTER NO. 311—(See illustration). An all metal planter which is operated by a spring with the foot, strong, reliable tool. Each \$2.00, postpaid \$2.20.



POTATO PLANTER NO. 304—A light tubular planter. Its spring closed jaws are especially designed to enter the soil easily, yet open wide enough to drop the largest seed. The dropping lever is adjustable for any depth of planting. See cut. Price \$1.90, postpaid \$2.00.

ACME POTATO PLANTER NO. 302—A very handy tool with jaws of crucible steel, points polished, galvanized iron, taper conveying tube, natural finish. Height 36 inches. Price \$2.00, postpaid \$2.25.

ACME HAND POTATO PLANTER NO. 300—The original hand potato planter and one of the most popular. The jaws are pressed steel riveted to a malleable frame in which is set the hardwood handle. Price \$1.25, postpaid \$1.35.



No. 300

WE HANDLE PLANET JR. SEEDERS AND CULTIVATORS

ORDER EARLY

Send us your orders early: Don't wait until the last minute for your garden supplies.

THE "MAJOR" BARREL SPRAYER, NO. 832

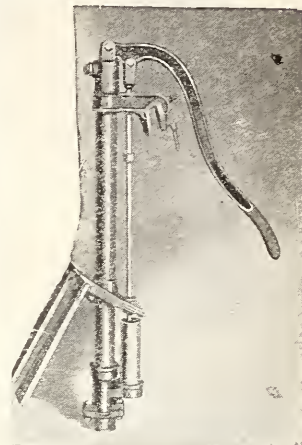
For Spraying Small and Medium-Sized Orchards, Etc.

The "Major" has become a very popular sprayer. It ranks first among the medium priced barrel sprayers, and has been thoroughly tested out. Its rigidity during operation by anchor in bottom of barrel is a most desirable feature. It is a boon to the average farmer who is not engaged extensively in fruit growing. The "Major" is very compact, durable and efficient.

The "Major" barrel sprayer has one 12½ foot section of ½ inch hose, couplings, and "Simplex" Angle Nozzle.

Price Complete, \$17.50.

Direction for use furnished with each Deming Sprayer. Special pump and sprayer catalog free on request.



CYCLONE

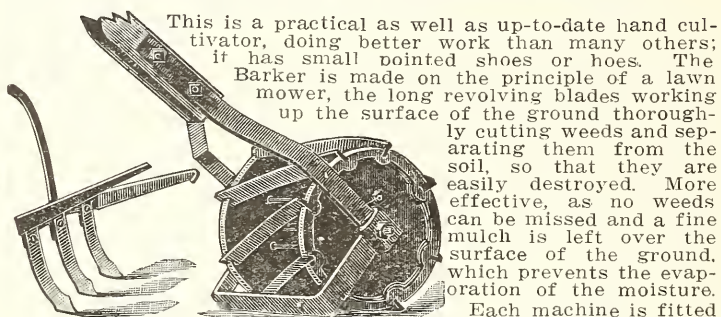
THE WORLD'S STANDARD SEED SOWER



CAN SOW Fifty acres in a ten-hour day—seeded evenly, thoroughly and easily. That's what you can do with a Cyclone Seeder. Use it with any seeds that can be sown broadcast or with ground bone, ashes or fertilizer—a Cyclone will pay for itself in three hour's work. Because its absolutely even distribution will make three bushels do the work of four. Each \$2.50; postpaid \$2.65.

THE SOWER THAT SATISFIES

Barker Weeder, Mulcher and Cultivator



This is a practical as well as up-to-date hand cultivator, doing better work than many others; it has small pointed shoes or hoes. The Barker is made on the principle of a lawn mower, the long revolving blades working up the surface of the ground thoroughly cutting weeds and separating them from the soil, so that they are easily destroyed. More effective, as no weeds can be missed and a fine mulch is left over the surface of the ground, which prevents the evaporation of the moisture.

Each machine is fitted up with leaf guards and tooth attachments. The 8½ inch is for ordinary use. The 6-in. is for lettuce and crops that are planted in close rows.

No. 6 D. Complete with all attachments, 6 inch.....\$9.25

No. 8½ D. Complete with all attachments, 8½ inch.....\$10.50

FARM USES FOR HAND SPRAYERS

It is folly to allow the fruits of the garden or orchard to be ruined by insects and diseases when efficient spraying will correct the evils and do much to produce perfect specimens. Learn what your trouble is use the proper sprayer, the proper remedy, and do the work in season and thoroughly.

A Sprayer saves its cost many times over on the farm. Today Sprayers are used wherever there is a surface to cover with solution, paint or water. Farmers use a Sprayer for applying all kinds of solutions to fruit, garden and field crops. They use it for applying solutions to all the animals on their farms, disinfecting, whitewashing and cold water painting and scores of other time-saving uses. Not only is spraying cheaper, quicker and better for whitewashing buildings and fences, but it reaches crevices impossible to cover with a brush.

See Page 127 for Insecticides—Page 131 for Sprayers.

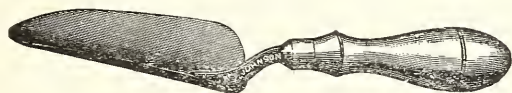
TROWELS



No. 211. Forged Steel Garden Trowel, blade and shank are made of one piece of steel, being forged out in the same way as masons' brick trowels. A stout, strong trowel, suitable for the hardest work. Price, 6-inch blade each 80c, postpaid 85c.



No. 212. Solid Steel, Garden Trowel, made of one piece, heavy sheet steel, the shank and blade being one piece; a good strong trowel for family use; finely polished. Price 6-inch blades, each 45c, postpaid 50c.



No. 213. Made of cold rolled steel, bright blades, malleable iron shanks firmly riveted. The blades will not pull off the shanks. Price, 5-inch blades, each 25c, postpaid 35c.
Price, 6-inch blades, each 30c, postpaid 40c.



No. 214. English pattern, extra heavy Garden Trowel; riveted by the new method with extra long rivets; blades finely polished; a very fine article. Price 6-inch blades, each 45c, postpaid 50c.



No. 216. Ladies Flower Trowel. Riveted by new method. Price 6-inch blade, 25c, postpaid 30c.



No. 217. Transplanting Trowel—the blade and shank of this trowel are made of one piece of heavy sheet steel. Excellent for lifting and setting out plants and seedlings.

Price, 5-inch blade, 25c, postpaid 30c.
Price, 6-inch blade, 30c, postpaid 35c.



No. 114—Zenith. Highest grade crucible steel, polished and etched, full taper ground, flexible point, beechwood handle with steel ferrule. Extensively used by market gardeners. Will not clog. Price 5-inch, each 80c, postpaid 85c.

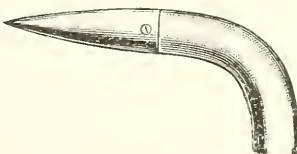
No. 216A—Broad Bladed Bulb Trowel, each 60c, postpaid 65c.
No. 217A—Transplanting Hoe Trowel. 7 in. each 35c, postpaid 45c.
No. 2120—Long Handled Trowel. Each 40c, postpaid 50c.

DIBBLES

For Transplanting Vegetable Plants etc.

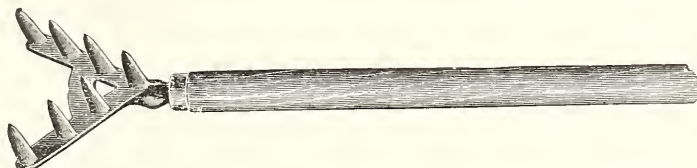
DIBBLE—No. 219—Bent wood handle with iron point, usual size, handiest tool ever made for transplanting cabbage, etc. Each, 60c; postpaid 70c.

DIBBLE—No. 220—Iron Dibble. Price, each 65c, postpaid 75c.



WEEDERS

GARDEN WEEDER WITH RAKE—A short-handled tool, very handy for flower garden. Each 45c, postpaid 55c.



Seven-Point Self-Cleaning Weeder—Size 3 3/4 inches, with 16-inch smooth oak handle, made of semi-steel, galvanized to prevent rust. Price each 35c, postpaid 45c.



LANG'S HAND WEEDER—One of the handiest tools yet devised for weeding and thinning out. Each 25c, postpaid 30c.

EXCELSIOR WEEDER



A very useful tool for weeding seed beds. For stirring the ground etc. no one should be without one. Each 20c; postpaid 25c.

WEEDING FORKS



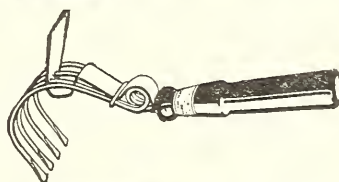
GARDEN WEEDING FORK No. 30—3 tine, malleable, each 15c, postpaid 20c.

No. 300

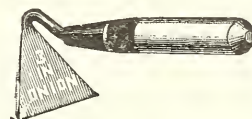
GARDEN WEEDING FORK No. 300—3 tine, very strong, useful tool. Each 50c, postpaid 55c.



GARDEN WEEDING FORK No. 400—4 tine, short handled, very strong, useful tool. Each 35c, postpaid 40c.



MAGIC WEEDER—A very handy tool for use among flowers and small vegetables. Destroys the weeds and leaves the earth about the roots themselves. Price 50c, postpaid 60c.



SUPERIOR WEEDING HOE—3 in. cut, 11 in. handle. Very useful article for the garden. Each 60c, postpaid 65c.

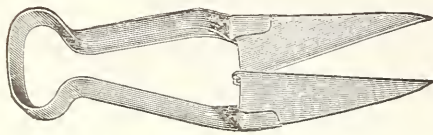


ASPARGUS KNIFE—(American)—This Asparagus knife is made of the best steel, cutting edges are hardened and tempered to stand rough usage. Used also as digger and weeder for long tap-rooted weeds such as Dandelions. Each 60c, postpaid 70c.

GARDEN REELS

GARDEN REELS—For using with a garden line; very handy tool. Each 65c, postpaid 75c.

GRASS SHEARS

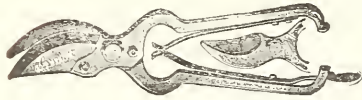


GRASS SHEARS—Superior—A good article at a low price per pair 65c, postpaid 75c.

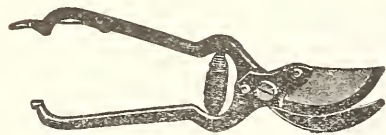
GRASS SHEARS—(Hartford)—Tool steel, the best that money

can buy; per pair, 85c, postpaid 95c.

PRUNING SHEARS



NORTHERN KING PRUNING SHEAR—#485B—Polished steel blades. Double brass flat springs. The best for vineyard and other pruning. 9 inch. Price, \$1.90, postpaid \$2.10.



SUPERIOR PRUNING SHEAR—#485B4—Malleable iron handle, polished steel blade with blued steel volute spring, 9 inch. Price \$1.45, postpaid \$1.60.

HARTFORD PRUNING SHEARS #485D—Used extensively as ladies pruning or flower shears $6\frac{1}{2}$ inch nickle plated. Similar to "Superior". Price \$2.00, postpaid \$2.15.

"McKENNEY" HAND PRUNERS

The World's Best Tree Pruner

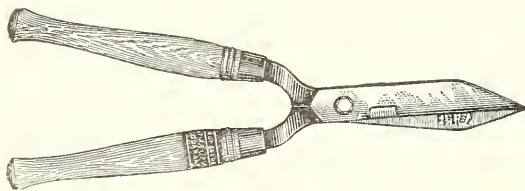
The most powerful pruner made. The only pruning shears made that cuts from both sides of the limb, and does not bruise the bark. It has two cutting blades drop forged from tool steel. The handles are of steel and the hand grip designed so that it may be carried on the belt. Can also be used for dehorning young cattle. The best and strongest pruner made.



In three sizes

No. 0—Cuts limb $\frac{5}{8}$ inch in diameter, 15 in. \$4.00, postpaid \$4.10
No. 1—Cuts limb 1 inch in diameter, 23 in. \$5.00, postpaid \$5.25
No. 2—Cuts limb $1\frac{1}{2}$ inch in diameter, 30 in. \$6.50, postpaid \$6.75

HEDGE SHEARS



HEDGE SHEARS—ZENITH—Useful in trimming shrubs, small bushes and trees; also preferred by many for edging lawns and beds. Blades are polished solid cast steel.

No. 485M—8 inch blade, per pair, \$2.85, postpaid \$3.00.

No. 485N—9 inch blade, per pair, \$3.25, postpaid \$3.40.

WATERS TREE PRUNERS

The best pruner on the market. Cuts limbs up to $\frac{3}{4}$ in. in diameter. The spring on handle resets the cutting blade.

Prices
6 ft. \$2.25
8 ft. \$2.50
10 ft. \$2.75
12 ft. \$3.00

Tree pruners can not be sent by parcel post.



Little Giant Grass Hook

LITTLE GIANT GRASS HOOK

Is a miniature scythe and cuts like a scythe. Very handy for cutting grass, etc. A very useful article. 12 in. blade. Price80c postpaid 90c

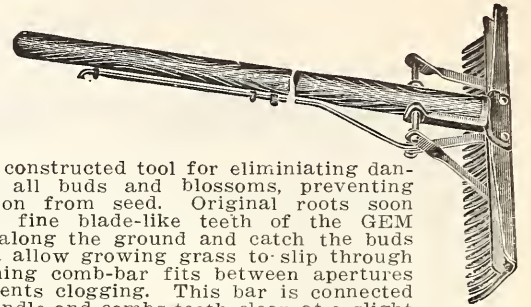


CULLING OR GRAPE SHEARS

The best fruit thinning shear made. Length $6\frac{1}{2}$ inches. Polished blades. 75c, postpaid 80c.

GEM DANDELION RAKE

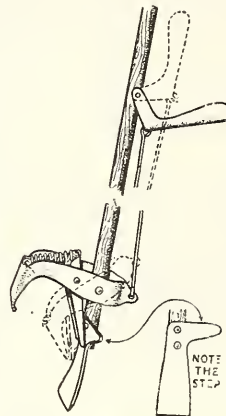
SELF CLEANING



A scientifically constructed tool for eliminating dandelions; cuts off all buds and blossoms, preventing further propagation from seed. Original roots soon starve out. The fine blade-like teeth of the GEM RAKE slide flat along the ground and catch the buds and blossoms, but allow growing grass to slip through easily. Self-cleaning comb-bar fits between apertures of teeth and prevents clogging. This bar is connected to a rod on the handle and combs teeth clean at a slight pull on the finger hook. A stiff spring sends the comb-bar back into original position when finger hook is released.

16-inch medium size, each \$3.00, postpaid \$3.15.
24-inch large size, with leaf back, each \$4.00, postpaid \$4.15.

DANDELION WEEDER



A slight push and pull thoroughly loosens the surrounding soil and removes not only the weed, but the ENTIRE ROOT.

The Dandelion Weeder is a simple, effective tool. A child can operate it. No back-breaking work—no soiling of the hands. All the user has to do is slip the blade into the ground beside the weed, squeeze the handle, and pull out the weed—roots and all. Dandelions, burdock and other obnoxious weeds are quickly exterminated. Absolutely will not dig holes in the lawn. Handle polished hardwood, 42 inches long. Price \$1.00, postpaid \$1.10.

NEPONSET WATER-PROOF PAPER POTS

The unequalled paper pot for general transplanting young plants of all kinds. Light, strong, waterproof and inexpensive. Try them if you raise your own tomato and other vegetable plants.



	Postpaid	per doz	per doz	per 100	per 100	F. O. B. Helena
2 1/4 inch.....	10c	12c	\$.65	\$.75	\$ 4.25	
2 1/2 inch.....	12c	15c	.75	.85	5.00	
3 inch.....	18c	25c	1.20	1.30	6.75	
3 1/2 inch.....	21c	30c	1.40	1.55	9.50	
4 inch.....	25c	35c	1.75	1.90	12.35	
5 inch.....	35c	45c	2.50	2.70	18.25	
6 inch.....	45c	55c	3.50	3.75	24.75	

STANDARD FLOWER POTS

Inside Measurement	Approximate weight each	per dozen	3 lbs.	4 lbs.	5 lbs.	12 lbs.	18 lbs.	25 lbs.	F. O. B. Helena
2 inch.....	Each .03
2 1/2 inch.....	Doz. .30
3 inch.....04 .35
4 inch.....05 .45
5 inch.....06 .60
6 inch.....09 .85
7 inch.....15 1.40
8 inch.....20
9 inch.....30
10 inch.....50
12 inch.....75
			14 1/4 lbs.						1.20

NOTICE—By Express or Freight at Purchaser's Expense.

FLOWER POT SAUCERS

Inside Measurement	Approximate weight each	per dozen	8 oz.	10 oz.	12 oz.	1 1/4 lbs.	1 1/2 lbs.	F. O. B. Helena
4 inch.....	Each .05
5 inch.....	Doz. .65
6 inch.....08 .95
7 inch.....10 1.00
8 inch.....12 1.40

NOTICE—By Express or Freight at Purchaser's Expense.

PLANET JR. TOOLS

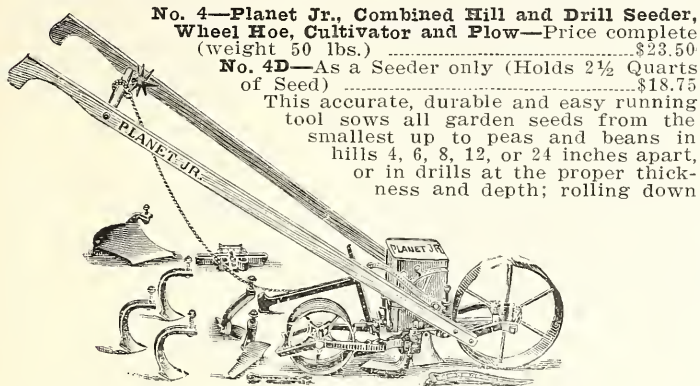
Why worry along with slow out-of-date implements. Planet Jr. Tools save time, lighten labor, and get bigger, better crops at less cost. Planet Jr. tools are far more economical—they do three to six times the work, and outlast several ordinary implements. **Fully guaranteed.** You are actually losing money whenever you cultivate without them. See Page 135.



Planet Jr. Garden Tools



The name "Planet Jr." has become synonymous with labor saving among gardeners and farmers everywhere and they instinctively want the implement that bears this trade mark. The times demand maximum production; and gardeners and farmers are on the alert for aid to get the biggest return from the soil for the least expenditure of time and effort.



No. 4—Planet Jr., Combined Hill and Drill Seeder, Wheel Hoe, Cultivator and Plow—Price complete (weight 50 lbs.) \$23.50

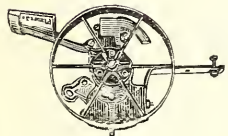
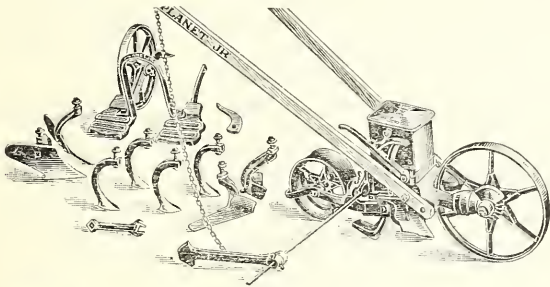
No. 4D—As a Seeder only (Holds 2½ Quarts of Seed) \$18.75

This accurate, durable and easy running tool sows all garden seeds from the smallest up to peas and beans in hills 4, 6, 8, 12, or 24 inches apart, or in drills at the proper thickness and depth; rolling down

and mark out the next row all at one passage. No time is lost. No seed is wasted.

Planet, Jr., No. 25—Combined Hill and Drill Seeder, Double and Single Wheel Hoe, Cultivator and Plow—Holds 6½ quarts weight complete 61 lbs. Price \$28.25.

Equipment, one pair 6-inch Hoes, 4 Cultivator Teeth, one pair Plows, two Leaf Guards, one Marker. This is a tool for Market Gardeners or large family gardens, where both single and double wheel hoes can be used to advantage. The hopper will hold four pounds of Onion Seed.

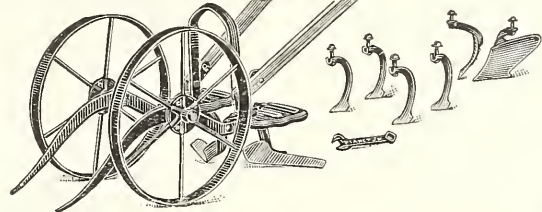


No. 35 Seeder Attachment for Small Garden—May be attached to any Planet Jr. cultivator. Suitable for the small family garden. Will sow all garden seeds in hills or drills. Quickly and easily attached. Price \$7.75.

No. 18—Single Wheel Hoe—Price \$7.50.—Some as No. 17 except has one pair of 6-inch hoes only. Other attachments can be added as needed.

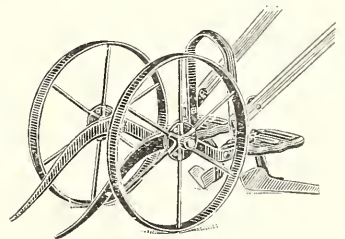
No. 12—Combined Double and Single Wheel Hoe, Cultivator and Plow—Weight 33 lbs. Price \$14.25.

This tool has one pair plows, one pair hoes, four cultivator teeth and a pair of leaf lifters. The attachments sold with No. 12 are what gardeners use most.



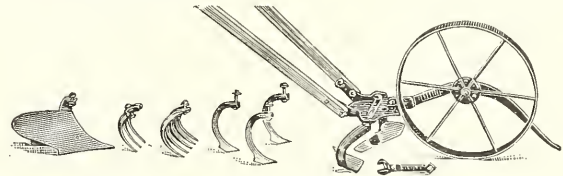
No. 13—Planet, Jr., Double Wheel Hoe—Price,

\$10.25—The greatest hand cultivating tool in the world for every grower of garden and market garden crops. They do more and do it better and easier than can possibly be done in any other way where rows are too close for horse work. Has 1 pair 6-inch hoes only. Useful throughout the season. 28 lbs.



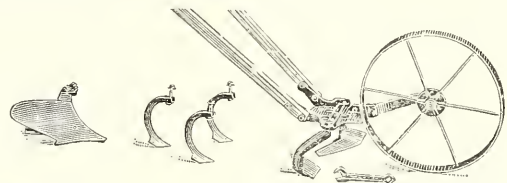
No. 16—Planet Jr. Single Wheel Hoe—Weight 26 lbs. Price \$11.75

These Single Wheel Hoes are the highest type of their class. They have a great variety of attachments which adapt them to a large variety of work, and there is scarcely any garden cultivation they will not do.

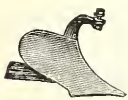


No. 17—Planet, Jr., Single Wheel Hoe—Price \$9.80.

You can do more and better hoeing with it in one day than you can do in three days with a hand hoe. The No. 17 has a pair of 6-inch hoes, a plow and a set of cultivator teeth; an outfit sufficient for most garden work.



CULTIVATING ATTACHMENTS FOR PLANET JR. TOOLS



Plow for Single Wheel Hoe

\$1.75, postpaid \$1.90



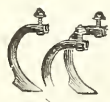
Plows for Double Wheel Hoe

\$1.75, postpaid \$1.85



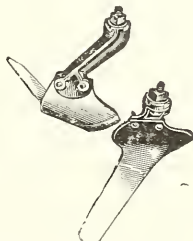
Double Mouldboard Plow

Fits single hoe
\$2.50, postpaid \$2.65



Cultivator Teeth All Steel

Each 45c, postpaid 55c.



S100 & S101 Hoes

Supersedes all others.
6-inch per pair

\$1.50, postpaid \$1.65



5 Prong Cultivating Attachment

\$1.75, postpaid \$1.85



Rakes

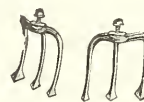
Excellent for Fine Cultivation.

5-tooth, per pair

\$1.75, postpaid \$1.90

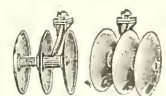
7-tooth, per pair

\$2.25, postpaid \$2.50



Three Prong Cultivator Teeth

Per pair
\$2.35, postpaid \$2.50



Disc Hoes

Per pair
\$3.60, postpaid \$3.85

NOTICE—IMPORTANT—When ordering extras, state number on the broken part, also number of machine. The new "PLANET JR." Catalog. Full of little points that bring profit. Full of true and handsome illustrations. Mailed Free on request.

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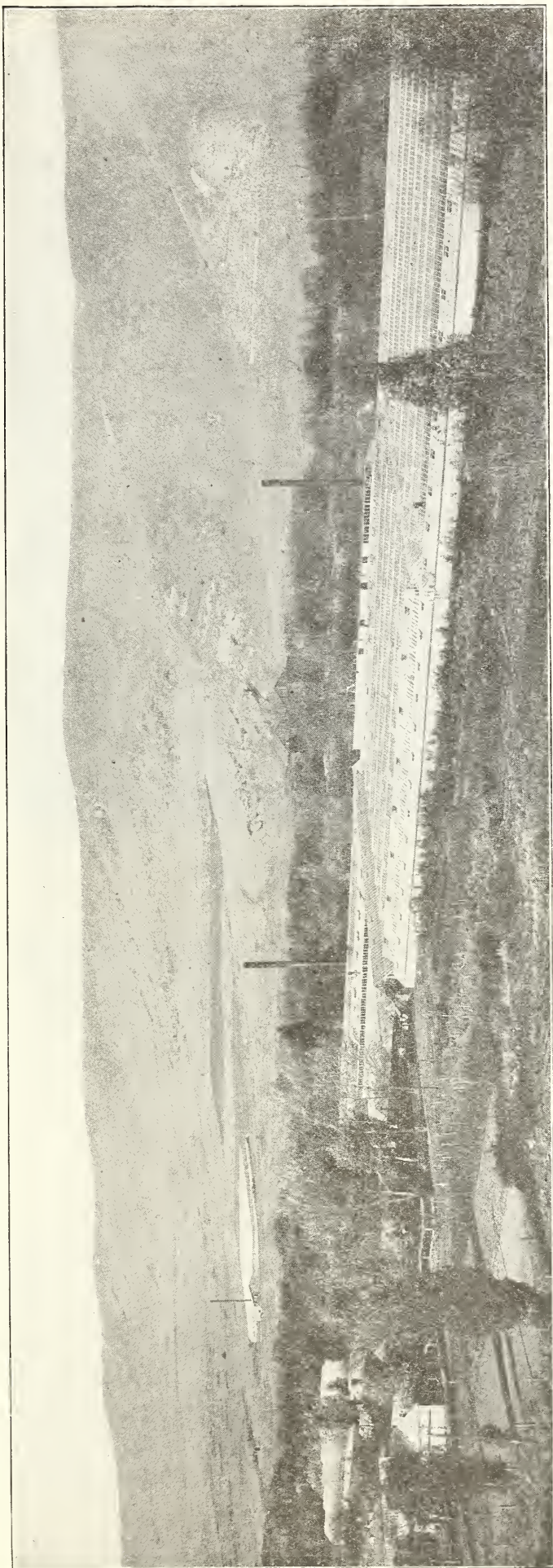
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Milady's House Plants—By F. E. Palmer. How to care for most of the popular house plants, with advice on the best plants to grow indoors, with instructions for potting, drainage, watering, sun, temperature and other details. Profusely illustrated. Paper, postpaid.	.80
cloth, postpaid.	1.10
A Little Book of Perennials—By Alfred C. Hottes. The general principles of growing, selecting and propagating perennials, treating of 125 separate species suited for different locations and uses. A tabular index giving variety, height, flowering period and color. Liberally illustrated. Paper, postpaid.	1.10
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A Little Book of Annuals—By Alfred C. Hottes. Written for the great throng of amateurs who grow flowers because they love them. Freely illustrated, paper, postpaid.	1.10
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A Small Panoramic View of Our Nursery and Greenhouses

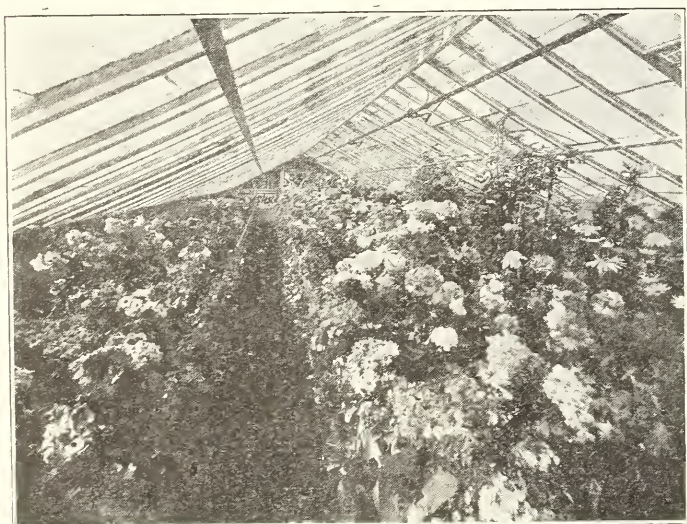


This picture gives an idea of the extent of our nurseries—located at the end of the Broadwater car line. The location is an ideal one for the production of the hardiest class of stock for this severe climate. It is located in the mouth of a canyon at the foot of the Eastern slope of the great Continental Divide, at an altitude of 4400 feet. There are 55 greenhouses—comprising 200,000 square feet of glass, devoted to the production of plants and cut flowers for this section of the country. The range of glass shown in the upper left of the cut consisting of 14 large greenhouses is devoted entirely to the production of carnations for cut flowers, about 50,000 plants are required to fill these houses. Each section of the greenhouses is in charge of an expert in his particular line—and he and his aids devote their entire energies—and knowledge—often the acquirements of a lifetime—to their own particular department. Many of these men have been with this firm for years, and thoroughly understand the requirements of our customers and patrons. Approximately 2000 tons of coal are required for heating purpose each winter, besides the using of natural hot water from springs located just above the nursery grounds.



A HOUSE OF BOSTON FERNS

The above photograph aptly shows the wonderful growth of these great favorites in our greenhouses. The Boston Fern is perhaps one of the best known and most grown of any house plant today, and our stocks both in quality and quantity cannot be surpassed in any section of the country. We produce this general favorite literally by thousands yearly, and the demand for our Boston Ferns is steadily increasing, from all parts of this section. (See page 11).



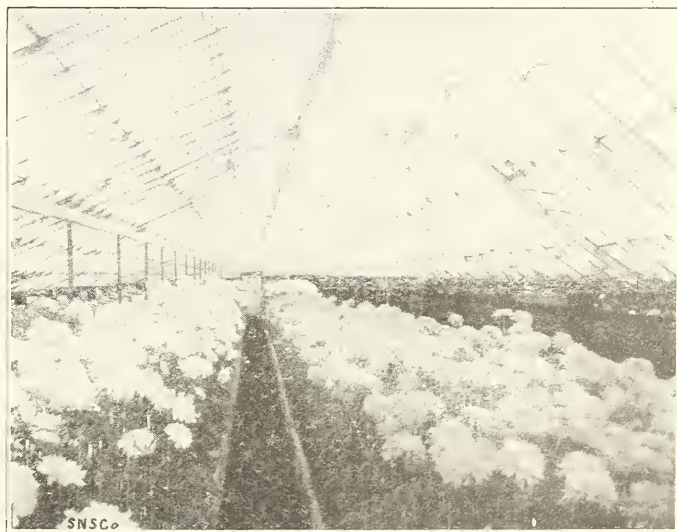
This photograph to the left is a view of one of our houses of Pelargoniums—Martha Washington Geraniums as they are better known. The improvement in this favorite plant during the past few years by the work of specialists who have devoted their time and energies to it has been wonderful, and the varieties of today—blooming almost the whole summer are a great favorite with the lovers of house plants.

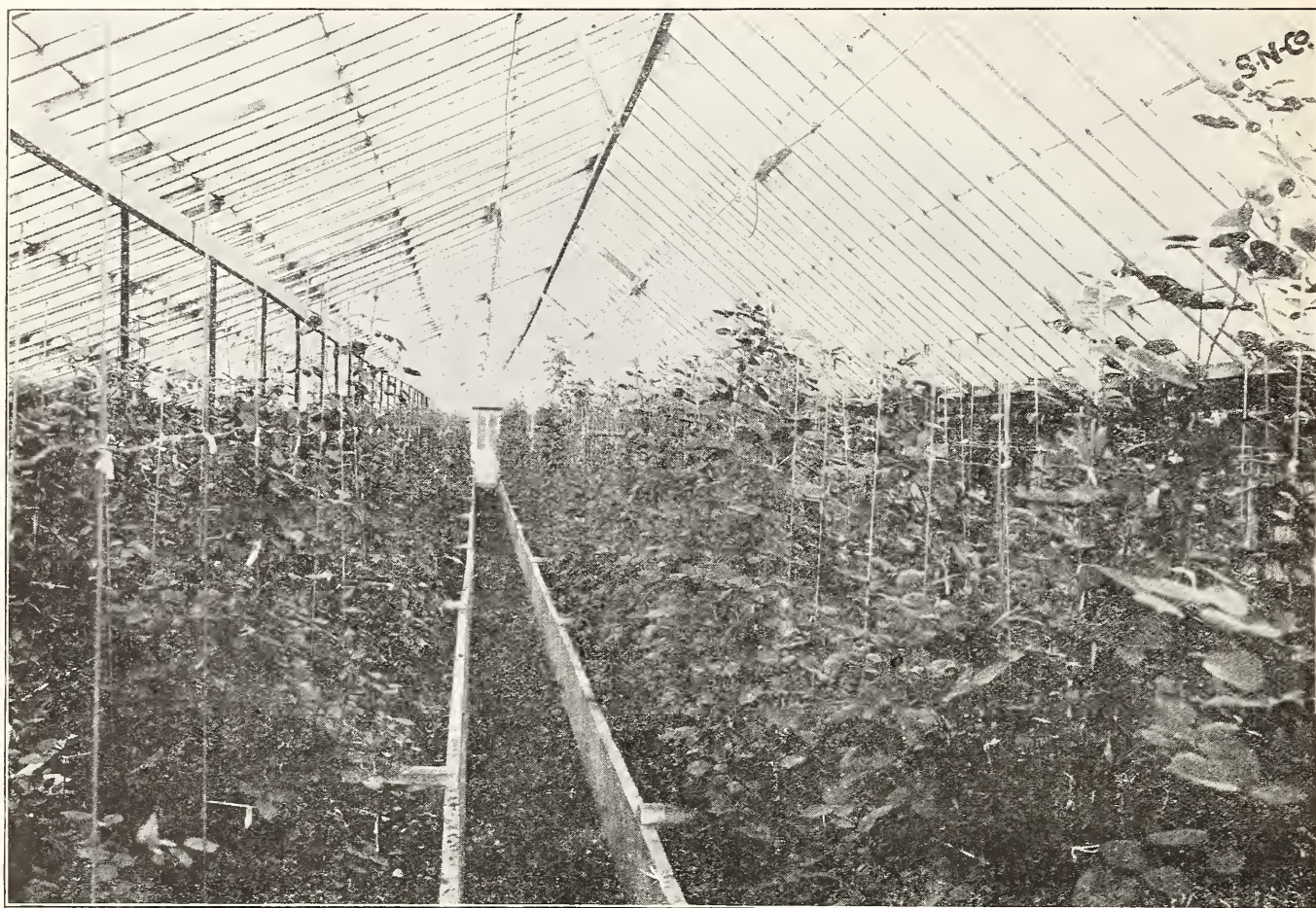


A HOUSE OF FERNS—IN VARIETY

The above photograph is of one of our houses of specimen ferns of several kinds. These plants are largely used for decoration purposes for social events of many kinds, weddings, receptions' balls, etc., etc. The combined effect of palms and ferns tastefully arranged and placed lend a finished air of distinction to any affair of this character.

The photograph on the right is one of the many houses of Chrysanthemums grown each season for cut flowers. In the fall when these wonderful plants are in full bloom, they attract large numbers of flower loving people to view them, and it is a trip well worth while. Many are the expressions of wonder at the gorgeous panorama, and the words of congratulation tendered.



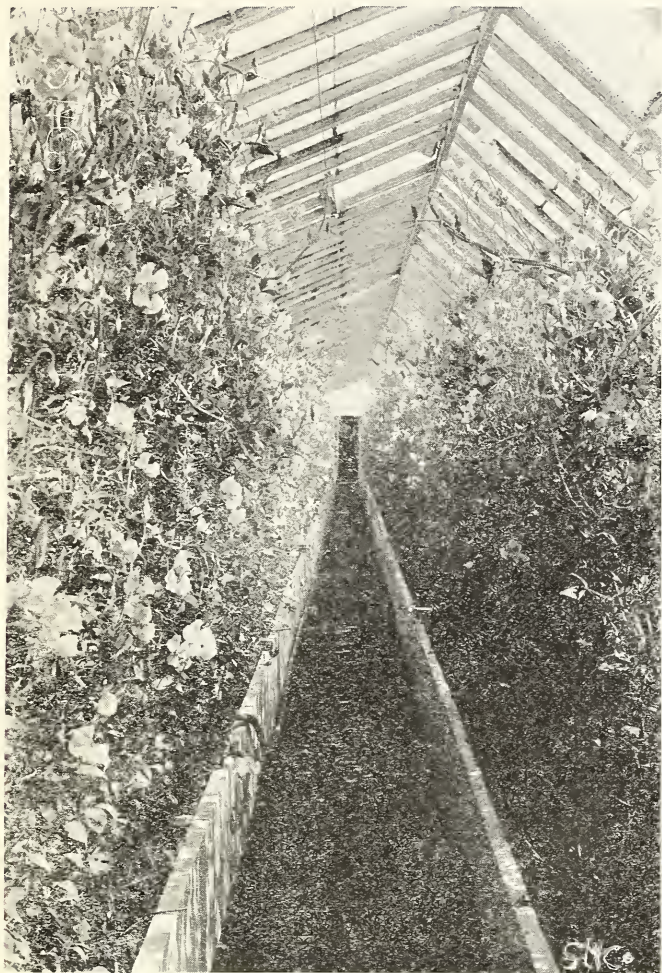


VIEW IN OUR ROSE RANGE

The above photograph was taken in one of the houses devoted to the growing of roses for cut flowers. The view shows well the method of obtaining "long stemmed roses" where the individual flowering stem is trained to a wire stake, keeping it straight and uniform. We devote an entire range of glass to the production of these flowers and our capacity is often taxed beyond the possibility of supplying.



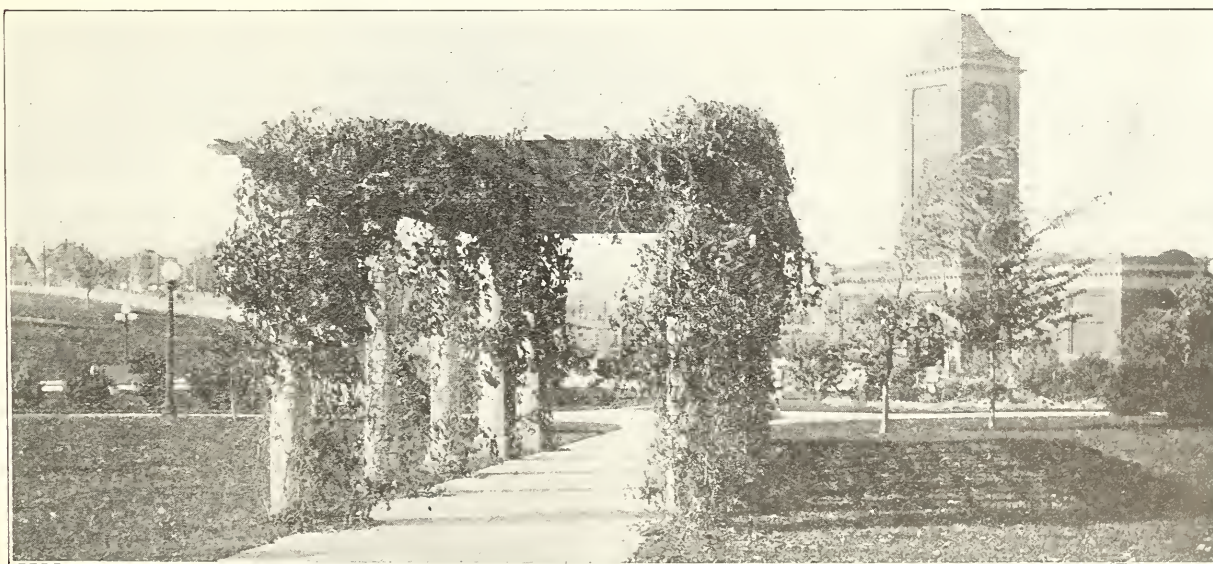
The photograph on the left shows part of the trial grounds at our plant. Here, yearly, almost 1000 varieties of field and garden seeds are tested out and the results carefully checked up, under the conditions of Montana soil and climate. This is done at an altitude of some 4400 feet, right at the foot of the main range of the Great Continental Divide and is an advantage that is possessed by but few seed houses. The results of our tests are always at the disposal of our patrons.



A HOUSE OF SWEET PEAS IN BLOOM

The photograph on the left is of one of our houses of Sweet Peas—grown for cut flowers in the late winter and early spring. THE STATE NURSERY AND SEED CO. is justly proud of their Sweet Peas—and the flowers are winners wherever exhibited in the state. The selection of varieties offered (see pages 67-69) can not be surpassed anywhere. This favorite flower does exceptionally well in this section, and is yearly becoming more and more extensively planted.

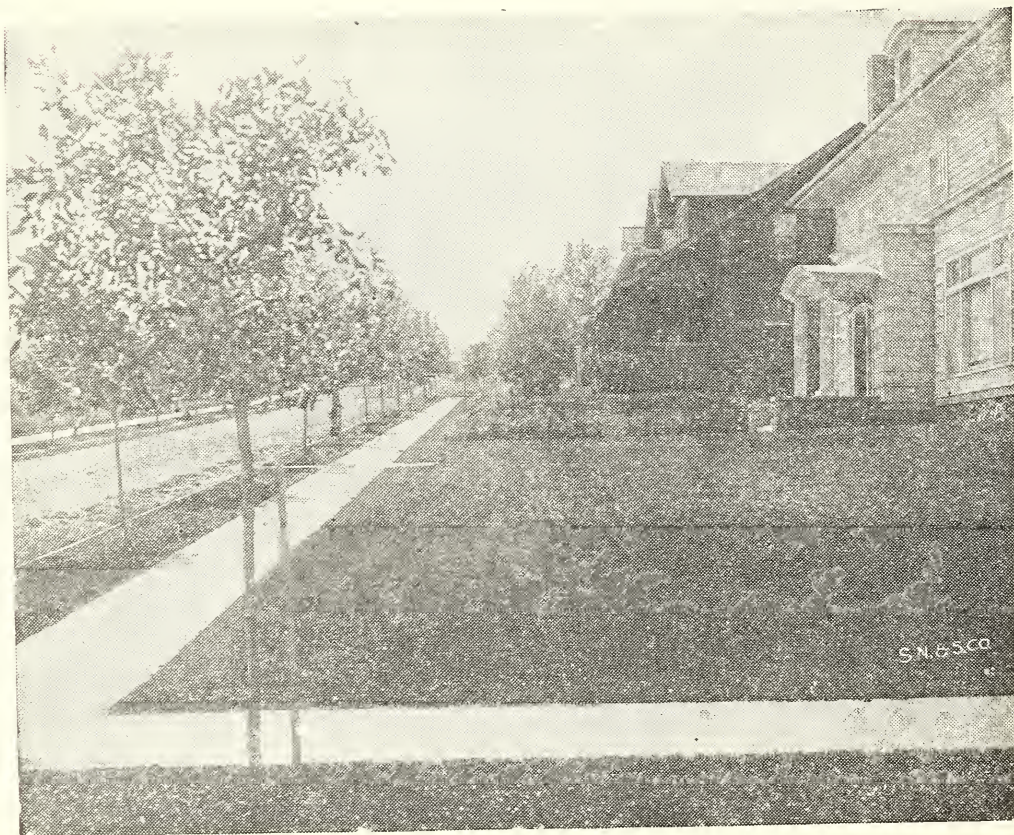
The lower photograph on this page is a photograph of a Pergola situated in Hill Park, Helena, near the Great Northern Depot, which shows in the background of the picture. We understand that this is the only Pergola in a public park in Montana. The vines are Virginia Creeper (*Ampelopsis quinquefolia*—see page 41). This hardy vine is the best vine for either trellis work or for brick walls for this section. Absolutely hardy, of easy culture, it will succeed almost anywhere, and is today the most used vine for covering unsightly walls, etc., in Montana. We annually grow large blocks of these and at times are hard pressed to keep pace with the demand for them.



VIRGINIA CREEPER—ON PERGOLA —HILL PARK—HELENA, MONTANA



RESIDENCE CHAS. BRAY, ESQ., HELENA, MONTANA



The upper photograph shows one of the numerous homes where the trees, etc., required have been secured from the STATE NURSERY AND SEED CO. This comfortable and attractive home would appear exceedingly uninviting without the added touch which trees and lawns alone can give to any home. There are literally hundreds of homes in this section where as great results as depicted here have been most readily obtained. Pages 37 to 46 will well repay perusal by anyone interested in tree—shrub and fruit planting.

The photograph on the lower part of this page shows well the appearance of a lawn sown with our Rocky Mountain Lawn Grass Seed. It produces a rich velvety green carpet unequalled by any other mixture, and it is nothing unusual for lawns sown with this Lawn Grass to require their first cutting in less than 30 days after sowing. It is the result of many years of experiment—carefully testing the best varieties for this climate, and has produced a blend of seed that can not be surpassed. The trees in the parkings are American White Ash—from our nursery.



STATE NURSERY AND SEED CO'S. WAREHOUSE

This picture of our warehouse will give some idea of our facilities for handling the large quantities of field seeds which are demanded in their season. It is equipped with the latest and most modern machinery obtainable—all electrically operated—for the cleaning and recleaning of seed grains—forage plant seeds and grasses. It is this painstaking care with every lot of seed purchased that has earned for this firm the enviable reputation enjoyed by us for sending out only the highest grade of seed that can be procured. The facilities are such that a single sack—or a car load can be handled with almost the same ease and promptness.

Here also is located the machinery for grinding and mixing the enormous quantities of our Poultry Feed and Dairy Feed that are so greatly in demand. As with the seed cleaning, this machinery is of the latest pattern obtainable, and is also operated electrically. Our entire plant—in all departments—is in charge of experts in their various lines, and their experience and knowledge is at the service of our customers at all times, and visitors are cordially welcomed either at the Nursery—Warehouse or the City Store on Fuller Ave.

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FROM

STATE NURSERY & SEED CO.

(The Big Seed House in Montana)

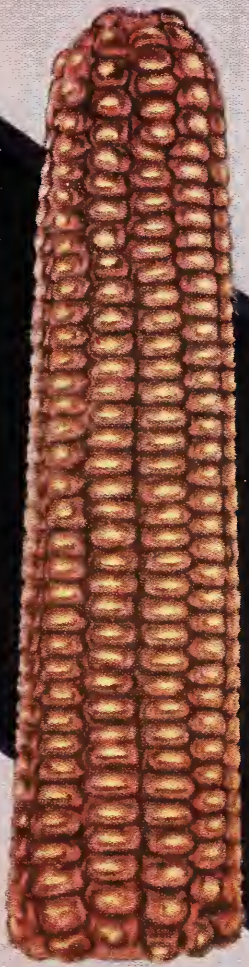
TREES,
FLOWERS,
PLANTS,
SEEDS,
BULBS,
ETC.

HELENA,

MONTANA

STATE NURSERY & SEED CO.

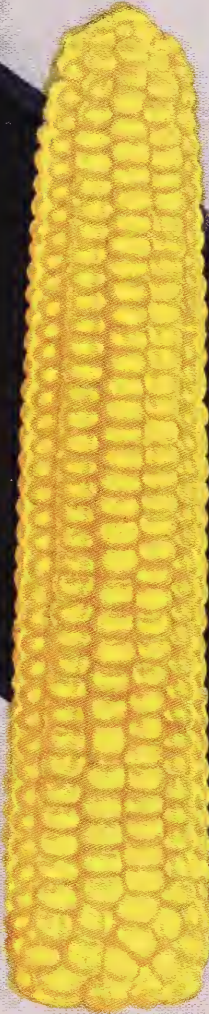
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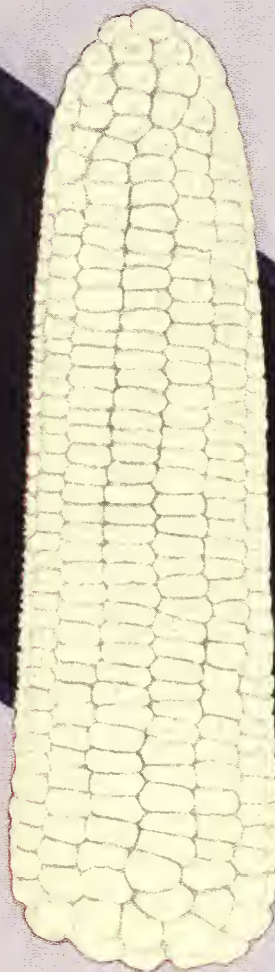
*Northwestern
Dent*



*North Dakota
White Flint*



*Gehu
Yellow Flint*



*Rustler
White Dent*



*Minnesota
Yellow Dent*

Our STOCKS
cannot be excelled for
Northwestern planting. These ears
were selected from the grand dis-
play exhibited at the State Fair in
Helena in September 1922, and
graphically illustrate the tremen-
dous strides that have been made in
corn production in the past
few years in Montana.

LARGE RED ONION
WETHERSFIELD



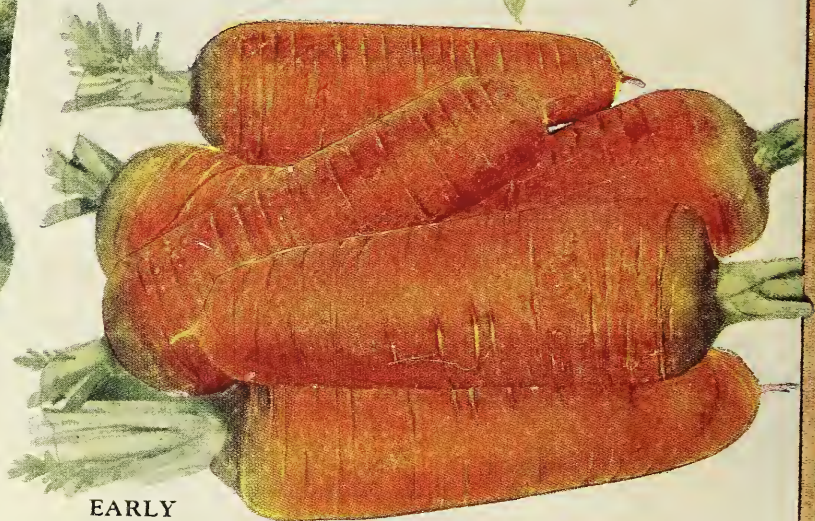
BEAN-FELTHAM
PROLIFIC
An Enormous Cropper



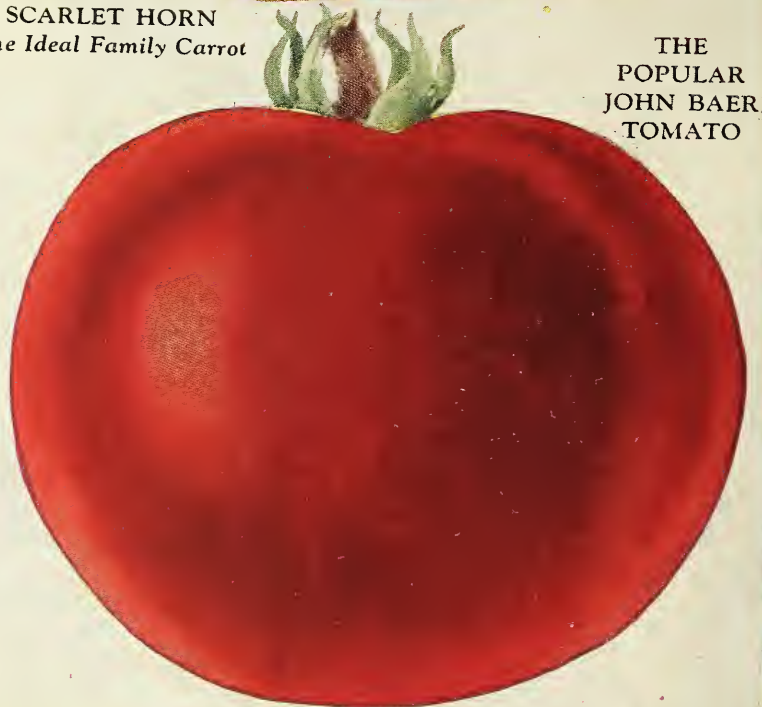
LETTUCE
MAY KING



EARLY
SCARLET HORN
The Ideal Family Carrot



THE
POPULAR
JOHN BAER
TOMATO



LITTLE
MARVEL PEA
Extra Early



STATE NURSERY & SEED CO. HELENA, MONT.